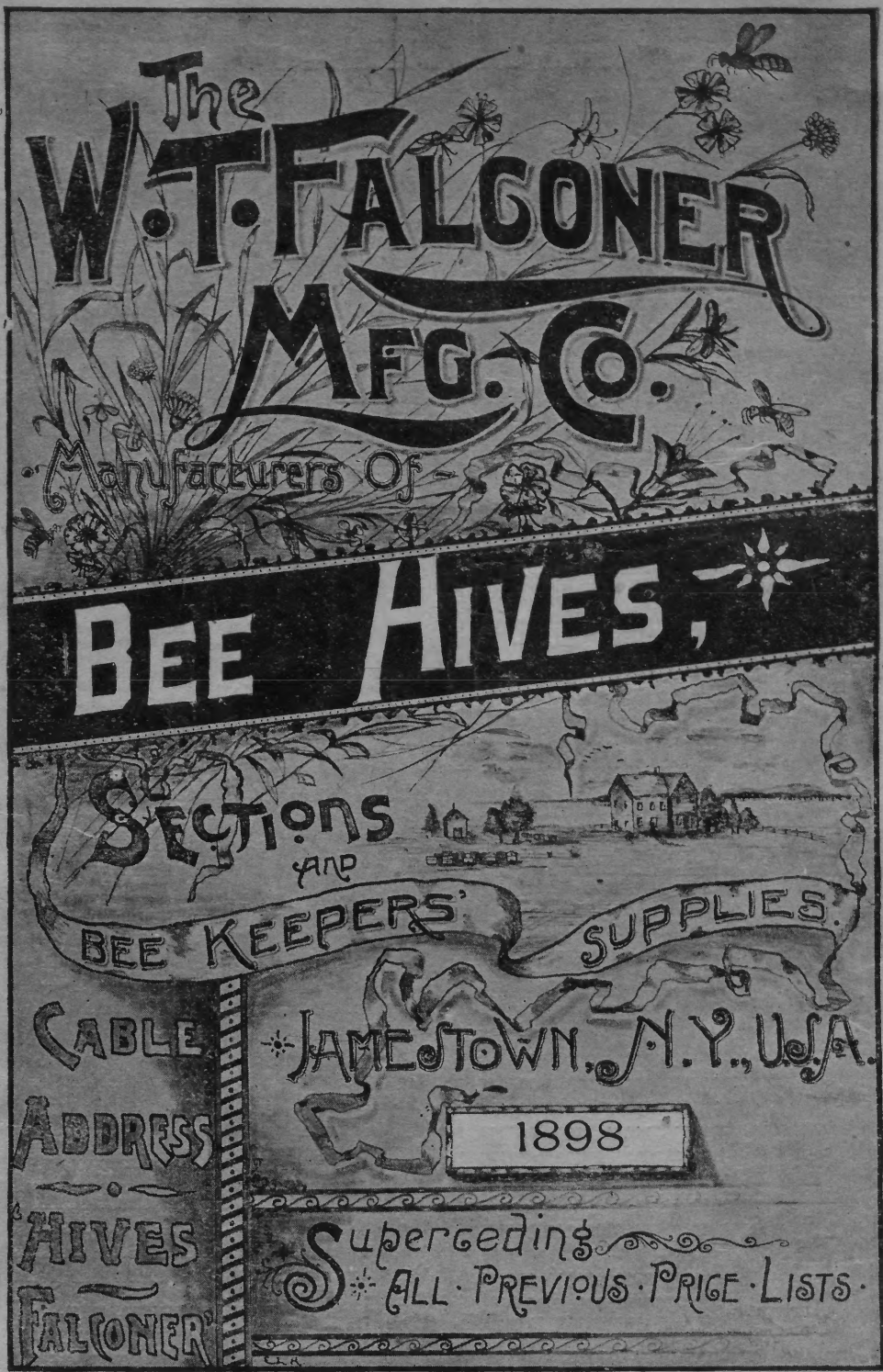
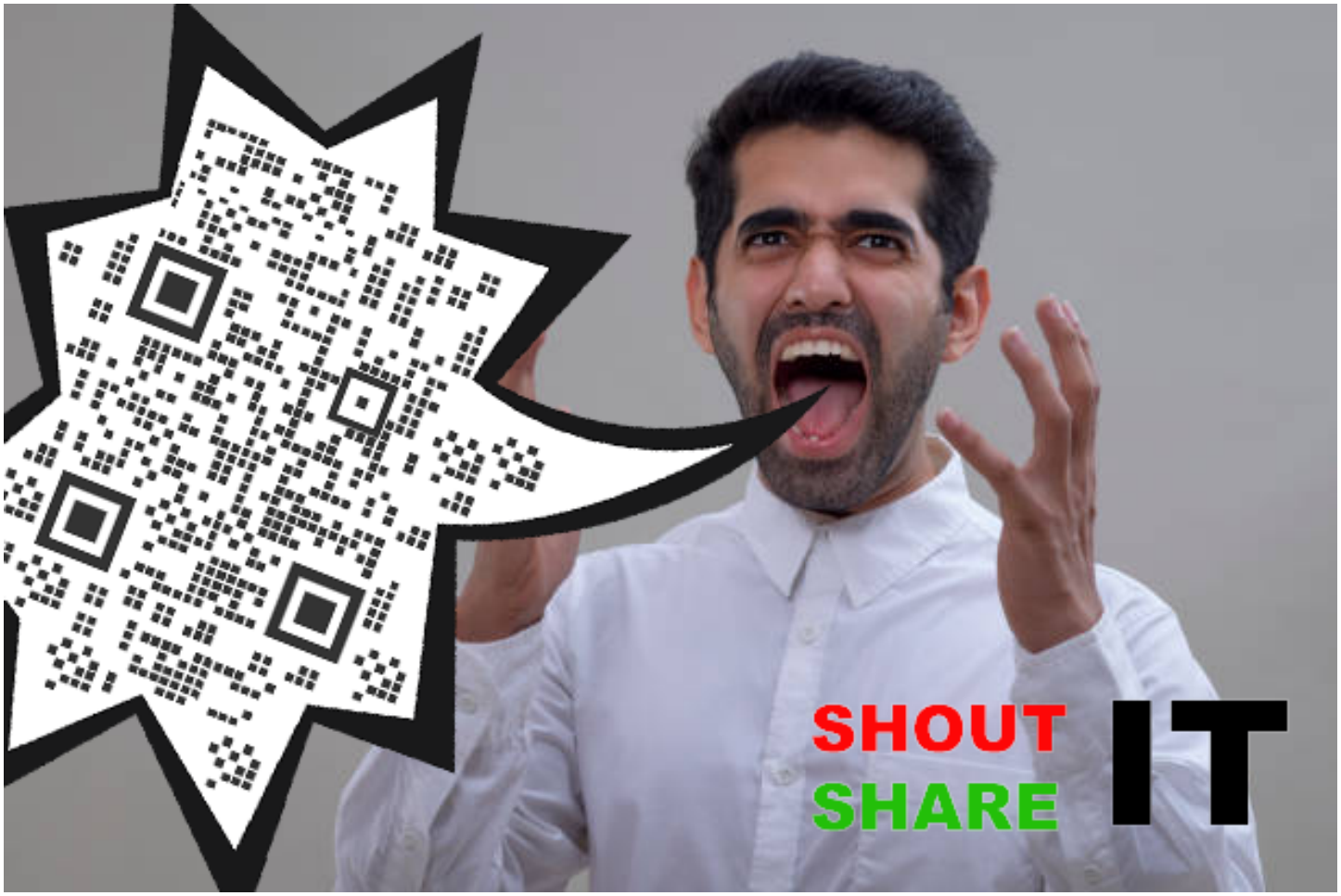

The
W. T. FALCONER
MFG. CO.
Manufacturers Of
BEE HIVES,
SECTIONS
AND
BEE KEEPERS' SUPPLIES.
CABLE ADDRESS
"HIVES FALCONER"
JAMESTOWN, N.Y., U.S.A.
1898
Superceding
ALL PREVIOUS PRICE LISTS


SHOUT
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INDEX

PAGE.

Alley's Combined Queen and Drone Trap..14
Alsike Clover.....26
American Bee Keeper.....29
Barnes' Foot Power Buzz Saw Machine....25
Bee Entrance Guards.....14
Bee Escapes, Porter.....13
Books for Bee Keepers.....29
Box Scraper.....14
Brood Foundation.....16
Brood Frames.....10–11
Brushes—Cogshall, Davis and Yucca.....20
Cartons.....23
Cages for Queens.....26
Chaff Cushions.....26
Clothes Reel.....28
Comb Basket.....17
Comb Bucket.....14
Comb Holder.....13
Comb Foundation.....16
Combined Crate.....23
Dadant Uncapping Can.....17
Daisy Foundation Roller.....21
Daisy Foundation Fastener.....21
Division Boards—Plain and Chaff.....12
Duck.....27
Easterday Wire Imbedder.....21
Electrotypes.....29
Enameled Cloth.....27
Extractors—Honey.....16–17
Extractors — Wax.....18
Extractor Parts.....17
Falcon Surplus Cases for Simplicity Bodies and Falcon Chaff Hives.....4–5
Feeders.....25–26
Folding Bath Tub.....28
Foundation.....16
Foundation Cutter— Carlin's.....18
Foundation Fasteners.....21–22
Fountain Pump or Sprinkler.....14
Frames—Brood.....10–11
Frames— Wide.....13
Frames—Wired.....11
Glass.....23
Glass Honey Jars.....27
Gloves—Rubber.....19
Hill's Device.....14
Hive Carrier.....13
Hive Clasps—Quinby and Van Deusen....13
Hive Opener.....14
Hives— Chautauqua.....5
Hives— Dovetailed.....5–6–7
Hives—Dovetailed, with Winter Case.....8
Hives—Dovetailed—Parts of.....7
Hives—Falcon Chaff.....4

PAGE.

Hives— Simplicity.....2–3
Hives— Simplicity, Ten-crate List.....3–4
Hives—Simplicity, Parts of.....3
Hives—Thin Walled.....8–9–10
Hives—Winter Case.....8–9–10
Honey Boards.....12
Honey Knives.....18
Ironing Tables.....28
Jars, Eastern Square.....27
Knives.....18
Manum Swarming Basket.....20
Miller Foundation Fastener.....22
Muth Glass Honey Jars.....27
Nails—Steel Wire.....24
Parker Foundation Fastener.....21
Pasteboard Boxes.....23
Perforated Zinc.....12
Pouder Glass Honey Jars.....27
Queen Cell Protectors.....26
Quinby Hive Clasps.....13
Rabbets for Hives.....13
Rests for T Tins.....24
Saws—Barnes' Foot Power.....25
Scales.....25
Sections.....15
Section Foundation.....16
Section Holders for Dovetailed Hives....13
Section Holders for Falcon Case.....5
Separators—Tin and Wood.....13
Shipping Cases.....22–23
Signs for Bee Keepers.....21
Smokers.....19–20
Spur Wire Imbedder.....22
Staples.....24
Super—Dovetailed.....6
Super—Perfect, for Dovetailed Hive.....6–7
Super—Perfect, for Simplicity Hive.....24
Tables, Folding Sewing.....27
Tent.....21
Thermometers, Favorite.....28
Tin Bound Sheets Enameled Cloth.....27
Tin Points for Honey Boxes.....16
Transferring Implements.....20
T Supers.....24
T Tins.....24
Van Deusen Hive Clasps.....13
Veils.....19
Wash Bench.....28
Washing Machines.....27
Wax Extractors.....18
Winter Case.....8–9–10
Wire Imbedders.....21–22
Wire Nails.....24
Wire—Tinned, No. 30.....12

1898

In presenting another Annual Catalogue to our customers and friends we can hardly add anything to what has already been said in previous issues. Our facilities are unsurpassed, and our ability to turn out first-class goods is well known to a host of bee keepers throughout Christendom. We always strive to treat our customers honestly, courteously and with promptness,—but we have always the advice to offer "ORDER EARLY."

Our FALCON SECTIONS are unsurpassed in point of finish, accuracy of workmanship and quality of material. They are without question the finest Sections manufactured. Our goods have always been noted for their superior workmanship and quality and our large business has been built up on this fact more than any other.

We make almost everything that is described in this Catalogue. We have during the past year added to our business a tin shop, so that we are not now dependent on others for our tin work as heretofore.

If you do not find just what you want described in our Catalogue write to us and we will give you special prices. We can furnish all kinds of Apiarian Supplies, whether we make them or not, at lowest prices.

Dealers who issue a Catalogue will be furnished with Discount Sheet on application; others who handle supplies in a small way for the convenience of their neighbors, will be given special terms.

Our Office, Factory, Saw-mill, Storehouses and Lumber Yards (see engraving on last page of cover), occupy five acres and are situated at Falconer, N.Y., at the junction of the N.Y., P. & O., B. & S. W. branch of the N. Y., L. E. & W. and D., A. V. & P. R. R., a branch of the L. S. & M. S. R. R. and N. Y. C. & H. R. R. R., and we have a switch running directly to our factory, thus making our shipping facilities unsurpassed and enabling us to procure lowest rates of freight. This is an advantage in buying of us which is doubtless often overlooked. Owing to the fact of our being at a point of several competing roads we are able to obtain better freight rates than places not as favorably located. We can "bill through" to almost every point.

With sincere wishes for a successful season, we are, Yours very truly,

THE W. T. FALCONER MFG. CO.

JAMESTOWN, N.Y., January, 1898.

PRICES, ETC.

Due notice of changes of prices, if any, will be given in THE AMERICAN BEE KEEPER.

As our goods are not excelled in any particular, ***WE GUARANTEE ENTIRE SATISFACTION.***

There are a few articles, such as Nails, Glass, Foundation, etc., that are subject to change without notice, though the lowest prices possible will be charged at all times.

It has become customary to give discounts for certain months, and you can always depend upon our allowing as liberal discount, for such months, as are offered by our competitors.

Goods will be shipped by either express or freight, at the very lowest ruling rates.

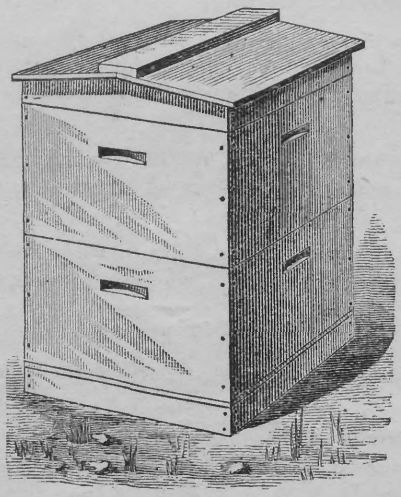
☞ All claims for damage or shortage must be made at once on receipt of goods. Do not in any case return goods before you write and we have directed what disposition to make of them.

As it is possible that some may hesitate to entrust money to us, we will refer such, as to our responsibility and integrity, to either the Jamestown National Bank, Chautauqua County Trust Company, First National Bank, or Union Trust Company, of Jamestown, N. Y.; or inquiry can be made of any Commercial Agency.

Remittances can be made by draft on New York, Post Office Money Order, Registered Letter, or Express Money Order. When remitting by Registered Letter, all sums less than one dollar can be sent in Postage Stamps of any denomination. Coin is apt to wear through the envelope and be lost. Please do not send money in an envelope without its being Registered.

SIMPLICITY HIVES.

These hives are so well and favorably known and in such general use that we shall continue to carry them in stock.



Two-Story Simplicity Hive.

Alighting board is not shown in cut, but is furnished with hives as priced below. Description is given with each style, and the price is given in a compact table, each style being numbered. In ordering, order by number, and when in flat, order in lots of 1, 5, 10, etc. These hives are furnished with Imp. Foundation fastening *Hoffman frames*, but if desired we will furnish them with any style of frame priced in this Catalogue at no extra charge.

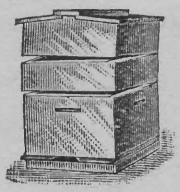
No. 1. One story Simplicity Hive for extractor; consists of one body, cover, bottom, alighting-board, 10 Hoffman frames and enameled sheet.

No. 2. One story Simplicity Hive for comb honey; body, cover, bottom, alighting-board, 7 Hoffman frames, 2 wide frames with tin separators, and 16 sections with foundation starters, and enameled sheet.

No. 3. Two story Simplicity Hive for extractor; 2 bodies, 1 cover, 1 bottom and alighting-board, 20 Hoffman frames and enameled sheet.

No. 4. Two story Simplicity Hive for comb honey; 2 bodies, 1 cover, 1 bottom, 1 alighting-board, 10 Hoffman frames, 7 wide frames with tin separators, enameled sheet, 56 sections and foundation-starters.

No. 5. Two story Simplicity Hive for comb honey; 2 bodies, 1 cover, 1 bottom, 1 alighting-board, 10 Hoffman frames, enameled sheet, 2 T supers, sections, foundation starters, wood separators and No. 2 zinc honey-board.



No. 6. Simplicity Hive. This hive consists of a Simplicity bottom and body, ⅜ inch half-depth body and half story cover, 10 Hoffman frames, alighting-board, enameled sheet, 2 T supers, sections, foundation-starters, wood separators and No. 2 zinc honey board.

No. 7. Simplicity 1½ story hive for comb honey; consists of 1 bottom, 1 alighting-board, 1 body, one ½-story cover, 10 Hoffman frames, enameled sheet, 1 T super, with sections, foundation-starters, wood separators and one No. 2 zinc honey-board.

No. 8. Portico 1½ story hive for comb honey; consists of portico body with permanent bottom, half story cover, 10 Hoffman frames, enameled sheet, combined crate with sections, foundation starters and wood separators.

No. 9. Portico 1½ story hive for comb honey; consists of portico body with permanent bottom, half story cover, 7 Hoffman frames, 2 wide frames with sections, foundation-starters and tin separators in lower story, combined crate with sections, foundation-starters, wood separators and enameled sheet.

Table of Prices of Foregoing Hives.

These hives are furnished with gable covers unless otherwise ordered. If flat covers are desired the price will be the same. If covers are wanted covered with tin the price will be 5 cents per hive extra. Tin for covers ordered alone 10 cents per cover.

Order by No.	Nailed & Painted Each...	IN FLAT. Each.	5.	10.	25.	50.	Weight of 10...
No. 1	$ 1 35	$1 00	$ 4 75	$ 8 50	$20 60	$40 35	350 lb
" 2	1 60	1 20	5 75	10 50	25 45	49 85	350 "
" 3	2 00	1 50	7 00	13 00	31 50	61 75	450 "
" 4	2 90	2 10	10 00	19 00	46 00	90 25	500 "
" 5	2 90	2 10	10 00	19 00	46 00	90 25	500 "
" 6	2 60	1 85	8 50	16 50	40 60	78 35	450 "
" 7	2 20	1 60	7 00	13 50	32 75	64 10	350 "
" 8	2 00	1 40	6 50	12 50	30 30	59 35	350 "
" 9	2 10	1 60	7 50	14 00	33 95	66 50	380 "

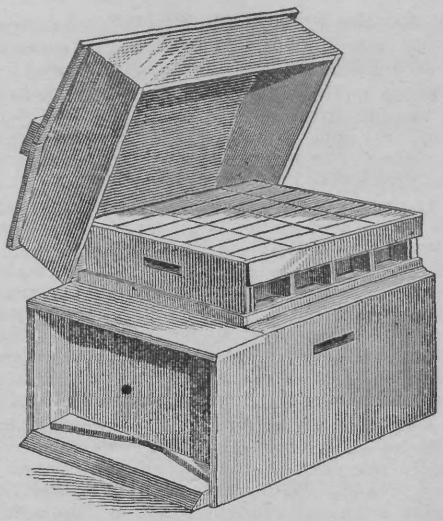
When larger quantities than given in above table are wanted WRITE FOR PRICES.

Tin separators instead of wood in Nos. 5 and 6, 15 cents per hive extra. In Nos. 7, 8 and 9, 8 cents per hive extra.

Nails Suitable for Above Hives.

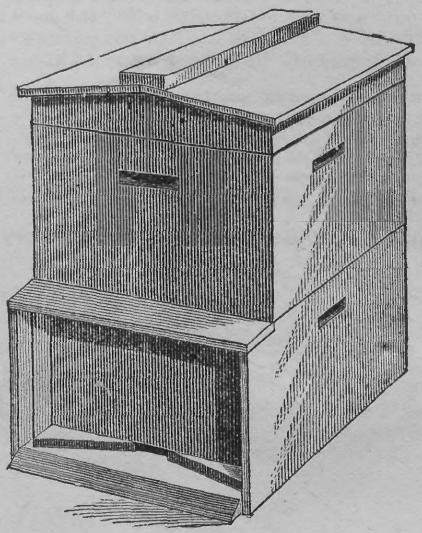
We put up in packages nails of the proper size and quantity for hives as follows:

PRICE PER HIVE IN LOTS OF	1	5	10	50
Nails for No. 1 or No. 2 Simplicity Hive	.5	.20	.35	$1.50
Nails for Nos. 3, 4, 5, 6 " "	.10	.30	.55	2.25
Nails for Nos. 7, 8 or 9 " "	10	.25	.45	2.00



Story-and-a-Half Hive.

Hives Nos. 8 and 9 in the foregoing table are like the above cut, and are called the Portico Hive. Having a portico and permanent bottom makes it similar to the original Langstroth Hive. This hive is interchangeable with all kinds of Simplicity Hives, such as bodies, covers, half stories, etc., and likewise takes all inside material used in the Simplicity.



Portico Hive With a Simplicity Upper Story.

For those who prefer the Portico Hive for a lower story, we will furnish hives Nos. 1 to 7 inclusive in foregoing table, with this hive instead of Simplicity body, bottom and alighting-board at the same price in each case.

As many people prefer to order certain parts of a hive only, we give table of prices of parts of hive below.

Metal Rabbets are included with each hive.

Unless otherwise ordered will send our style of cover (gable), which we consider far superior to the old style or flat.

Flat covers and bottoms are made just alike, and are interchangeable.

Bottom board is used same side up as covers and should rest on four half bricks. Entrance is made by sliding hive forward a little on bottom board. Alighting board can be used if desired.

Table of Prices of Simplicity Hive Parts

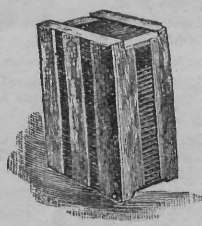
[Bodies are supplied with Metal Rabbets].

NAME.	WT. OF 10	IN FLAT.					
		1	10	20	30	40	50
Bodies	85	.30	2 80	5 48	8 14	10 75	13 30
Covers (gable)	50	.22	2 00	3 92	5 82	7 68	9 50
" " with tin	60	.27	2 50	4 90	7 27	9 60	11 87
" Flat	50	.22	2 00	3 92	5 82	7 68	9 50
" " with tin	64	.27	2 50	4 90	7 27	9 60	11 87
" ½ story "	60	.35	3 00	5 94	8 73	11 52	14 25
" " without tin	50	.27	2 50	4 90	7 27	9 60	11 87
Bodie ½ story ⅞	44	.22	2 00	3 92	5 82	7 68	9 50
" ½ " ⅜	28	.12	1 00	1 96	2 91	3 84	4 75
Portico body with permanent bottom	130	.40	3 80	7 45	11 06	14 60	18 05
Portico body without bottom	100	.35	3 30	6 47	9 60	12 67	15 67
Bottom	50	.12	1 00	1 96	2 91	3 84	4 75
Bottom with Alighting board	60	.18	1 50	2 94	4 36	5 76	7 12

Simplicity Hives, made to take the frames crosswise, same as above. Prices will be furnished on application for hives made to take frames other than the Simplicity.

In accordance with prices of foregoing parts of hives, we name prices on *ten crate* lots as follows for convenience in ordering; but any combination can be made. Tin Rabbets are included with all hives, but no inside material.

Ten Crate List.



Ten Crate No. 1 contains 10 Simp. bodies, 5 Simp. bottoms, and 5 Simp. covers, making 5 two story hives, in flat, weight 170 lbs. $4 50

Ten Crate No. 2 contains 10 Simp. bodies and 10 Simp. covers, no bottoms. Weight 170 lbs. 4 80

Ten Crate No. 3 contains 10 Simp. bodies and 10 ½ story covers, no bottoms. Weight 165 lbs. 5 30

Ten Crate No. 4 contains 10 Portico bodies, with permanent bottom board and 10 ½-story covers. Weight 225 lbs. $6 30

Ten Crate No. 5 contains 10 Simp. bodies, with 10 ½-story covers, and 10 loose bottom boards, which project in front of hive 2 inches to form an alighting board. Weighs 225 lbs. Price 6 30

By combining Ten Crate No. 2 and 10 Portico bodies, no covers, at $3.80, you get 10 Portico Hives with Simp. upper story 8 60

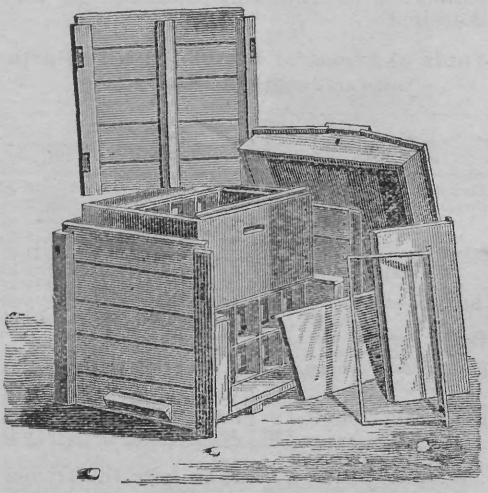
For several ten crates we allow special discount depending upon quantity wanted. Will name price upon application.

Nails Suitable For Ten Crates.

Nails for Ten Crate No. 1 or 2, 25c; ten for $2 25
Nails for Ten Crate No. 3, 30c; ten for..... 2 70
Nails for Ten Crate No. 4 or 5, 35c; ten for..... 3 20

"FALCON" CHAFF HIVE.

This hive is now so well known that a detailed description is unnecessary. The following cut shows the inside arrangement (also



one movable side) when filled with a Simplicity body for upper story. The Falcon Case with section holders as shown on this page is, however, generally preferred for surplus arrangement.

Prices of Falcon Chaff Hive.

Hive complete, nailed and painted two coats, containing chaff cushions, division boards, ten brood frames, seven wide frames, 56 sections, 4¼x1 15-16, foundation starters and separators, - - —$1 00
In lots of 10, - - - - - - — 3 50
Hive material for same as above, except starters, in flat, - - - - - - - — 2 50
In lots of 10, - - - - - - - — 2 25
Hive nailed and painted, without frames, but containing chaff cushions and division boards, - — 2 50
In lots of 10, - - - - - - — 2 25
Hive in flat, with material for chaff cushions and division boards and upper story, but without frames, - - - - - - — 1 55
In lots of five, - - — 1 45
In lots of ten, - — 1 40

Printed directions for nailing this hive are put in each package.

As many persons wish a hive with movable sides, we have adapted the "Falcon" to the requirements. For obvious reasons it will be found convenient. The corner is so arranged as to make the hive just as warm for winter as though made solid, and looks exactly the same with exception of iron clamps, which do not mar the symmetry of the hive.

One or both sides will be furnished movable at an additional cost per side of 15 cents.

Those having Simplicity Hives and wishing to change to Chaff Hives, can get the "Falcon," less upper story, using their own for that purpose. The price will be less the cost of Simplicity body, 20 cents.

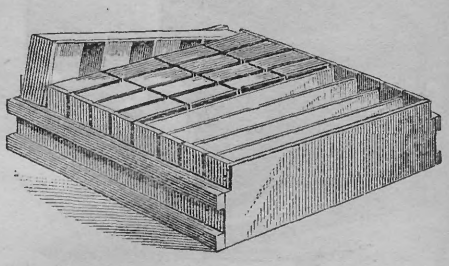
Any means that can be employed to increase the warmth of a hive is an advantage. The following is a simple arrangement to accomplish this very cheaply. Take ordinary building paper and tack to sides and ends of hives on inside, which accomplishes the same purpose as when applied to buildings. To make a nice finish a V shaped tin should be used, made so as to lap over the top edge of paper and on bevel of top edge of outside of hive.

A strip of tin an inch wide before bending will be sufficient. This tin, however, is not really necessary if the top edge of paper is well tacked. While we do not consider this lining a necessity for the "Falcon" more than for any other hive, at the same time it will readily be seen that the air space between the outside of hive and paper will add greatly to the warmth, and the paper at the same time acting as an absorbent will take up any superfluous moisture and furnish in a great measure the peculiar advantages of the old-fashioned straw hive.

This lining will not interfere with inside arrangement of hive, and should be put on after the hive is nailed up complete. It can be put in without difficulty when the bees are in the hive. We will furnish the paper cut to fit the inside of "Falcon" hive as follows:

Four pieces, two for side and two for ends, - —$ 10
In lots for ten hives, - - - - — 80
Four V shaped tins, two pieces 24 inches long and two pieces 20 inches long, - - - — 10
In lots for ten hives, - - - - — 80
Paper and tin in lots for ten hives, - - — 1 50

Falcon Surplus Case for Upper Story to Chaff Hive.



This case holds nine section holders, each holding four sections 4¼x4¼. The section holder has no top bar, but is supplied with a wood separator which holds the ends together and makes a very stiff frame.

This arrangement will be found far preferable to the wide frame. The Falcon Hive

will be supplied with two of these cases in place of upper story when desired, and prices will be the same in all respects, whether supplied with Simplicity upper story or two cases.

Price of Case Without Section Holders.

Cases in flat, in lots of five.....15 cents each
Cases in flat, in lots of ten.....12 cents each
Cases in flat in lots of twenty-five..10 cents each

We have adapted this case for the Simplicity Hive. Each body will contain two cases, each case holding six section holders and each holder four sections. Prices of cases and section holders same as quoted for chaff hives.

Falcon Section Holders With Planed Wood Separators.

100 section holders in flat..... $2 00
500 section holders in flat, per 100..... 1 75
1000 section holders in flat, per 100..... 1 50

THE CHAUTAUQUA HIVE.

The Chautauqua Hive has the advantages of a chaff hive without its disadvantages. The following description in connection with the illustration will give a correct idea of its construction.

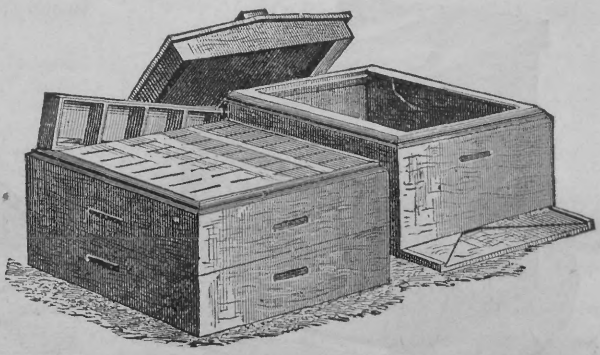
The bottom is made of two pieces of boards with cleats across under side and cut away as shown in the illustration for the purpose of enlarging or contracting entrance, by moving hive backward or forward. The first story is made exactly like a Simplicity body, only larger. The inside of this body is entirely covered by a strip of paper, the ends joining under a cleat. The paper is held in place by cleats, one at each corner and one at each end and side, with cleats at bottom and top of paper all around the hive. On these cleats another strip of paper is nailed, the ends uniting on a cleat; over this paper is placed a ⅜ in. board at each side and end, nailed to the cleats. This makes a body measuring on the inside exactly the same as a Simplicity Hive, but 2¼ inches longer and 3½ inches wider outside, with an absolutely air tight space all around the brood chamber 1⅜ inches on the sides and ¾ of an inch at the ends.

There are two half stories, each 5 inches wide, made exactly like a Simplicity half story only large enough to fit the lower story. Each half story holds ten section holders holding 4 sections 4¼x4¼ each. The cover is Simplicity style, only large enough to fit the bodies. The lower body and the half stories are beveled both top and lower edges and are interchangeable like Simplicity Hives.

For summer management one or more half stories are used, or if run for extracted honey, a moveable piece with rabbets for hanging frames on, is placed in the ends of the half stories.

For winter management the section holders are removed from the half stories and one of them placed above and one below the lower body. After covering the brood frames properly with cloth, the upper half story is filled with chaff or a chaff cushion can be used. The lower half story under brood frames is left empty, or filled, or partially so, with chaff as thought best, thus making the space below frames as large or as small as desired.

This hive is almost as light as a Simplicity, which is often a great advantage as compared with chaff hives, and the dead air space is just as good as chaff, if not better, and the protection above and below brood chamber is as good as any chaff hive.



Prices of Chautauqua Hives.

Hive in flat as shown in cut, without any frames or inside material, but with paper and all material for constructing air spaces, - - - - $ 1 50
In lots of ten, - - - - - - 1 35

Hive complete in flat, with ten brood frames, 20 section holders, 80 sections and mat, - - - 2 50
In lots of ten, - - - - - - - 2 25
Hive complete, painted, ready for bees, foundation starters in sections, - - - - - 3 50
In lots of ten, - - - - - - - - 3 25

Paper is included in above prices, and each piece is cut exact size to fit. The hive is very easily put together and requires no directions other than the foregoing description.

False ends to go in upper half stories, so hive can be used as a two story hive for extracting, 20 cents per hive.

THE DOVETAILED HIVE.

The Dovetailed Hive is taking the lead of the single walled hives, as it contains many of the most desirable features of the various hives for rapid handling of bees, and is one of the cheapest hives manufactured.

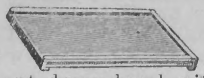
It is dovetailed together as shown in cut, and that is what gives it its name.

The engravings give a good idea of its appearance, but we give a brief description which will help those who have never seen one to better understand its construction.

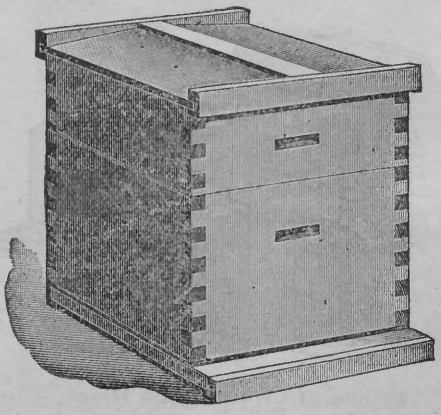
The body is made of pine, planed both sides, ⅞ inch thick, and is fitted with metal rabbets of an improved style. Outside of body is 13⅞x 20 inches and 9½ inches deep.

The body holds 8 Hoffman frames, L size, and a division board ⅞ inch thick. The frames hang below the top edge of hive so

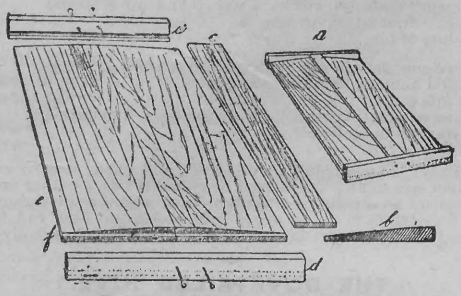
there is a bee space above them, but the bottom of frames are flush with the bottom edge of hive. The bee space being made by the cleats ⅜x⅞ inch, nailed to bottom board, as shown in cut.



The bottom is 14x21 inches with cleat at each end, the front one being cut down level with the top of the board to form an entrance. Strips ⅜x⅞ are nailed on each side, which, with the cleat on back end of board, forms a base for hive to stand upon and gives a bee space below the brood frames. This bottom projects 2 inches in front of hive forming a suitable alighting board.



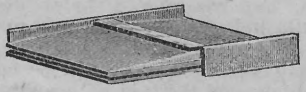
Dovetailed Hive Showing Higginsville Cover.



Details of Higginsville Cover.

We now furnish all Dovetailed Hives with the Higginsville Cover, which is a combination of the flat and gable cover. It is so constructed that another hive super or cover can be placed on it and tiered up same as with the old style flat cover.

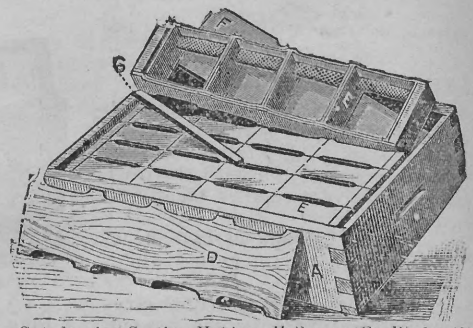
HIGGINSVILLE VENTILATED COVER.



We make a ventilated Higginsville Cover that we recommend for those who wish such an article, and in hot climates, or where the hives have no shade, they are doubtless preferable to the ordinary cover. The advantage of this cover over the gable style is that it can be used for tiering up, and is the same in appearance as the Higginsville cover.

This cover is the same as the regular Higginsville, with the exception that the end cleats are two inches wide, only ⅜ inch wider than the regular end piece. This extra width allows room for a groove 3-16 inch wide to be made in each end parallel to the groove for the cover proper, and ¼ inch below. Two pieces 7 inches wide and 3-16 thick go in the groove so that a circulation of air is allowed over the 3-16 boards when cover is placed on hive. These boards go just to the outside edge of hive. To stiffen the thin boards, a piece ¼x½x14 inches in length is slipped between the upper and lower cover boards.

DOVETAILED SUPER.



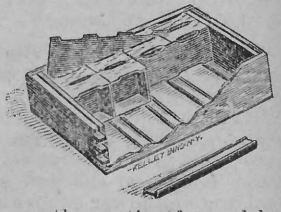
Cut showing Section Holders, Follower (F), Wedge (G), Slotted Wood Separator (D), and Sections as furnished with Hives Nos. 1 and 3, and on Hives Nos. 2 and 4 less Sections.

This style of Section Holder we have used for many years in all our hives. It consists of a bottom bar cut out so as to fit the curved opening of the sections, and has two end bars, no top bar.

The Separator is wood, and is slotted as shown in cut (D). Sections 1⅞ wide are always furnished with Dovetailed Hives unless some other width is ordered.

The Perfect Dovetailed Super

Prevents perfectly the propolizing of sections. The bar or rest consists of a strip of wood with nicely turned tinned edges, which project above the wood for sections to rest upon. The rest is very strong and will not sag in the least, and is wide enough to cover the projection on the section formed by the curved openings.



The separators are made with insets for passage of bees and cover the edges of sections where they would otherwise touch. In fact, bees have no access to the edges of sections except where they enter the section for storing honey.

The super is used same as regular Dovetailed Super; but having a bee space below requires a honey board. A No. 11 with a strip across the middle and each end, forming a bee space on under side is used.

Perfect Supers are furnished with Dovetailed Hives Nos. 5 and 7, 6 and 8.

All Dovetailed Hives are supplied with Imp. Foundation Fastening Hoffman frames unless otherwise ordered. We will furnish any style frame listed in this catalogue at same price if requested in order. As we now furnish these hives with foundation starters for brood frames, we recommend the use of our improved foundation fastening frame. For description see page 11. All who have tried these frames are much pleased with them, as is evidenced by their invariably ordering them when ordering goods a second time.

Packing Dovetailed Hives for Shipping.

For shipping our Dovetailed hives are crated by nailing a strip in the dovetailed ends of sides and ends of the bodies. The cover and smaller parts are packed in a box made by using the *bottoms* of hives for the sides and ends and nailing thin boards on for top and bottom. By taking a little care in removing crating the parts will not be injured. The saving in weight in packing goods as above is considerable, which makes a corresponding reduction in freight charges.

Description of Dovetailed Hives.

No. 1 Dovetailed Hive consists of 1 bottom board, 1 body, 1 super, 1 cover, 8 Hoffman brood frames, 1 division board, 1 follower, and 1 wedge (tightening strip) for super, 6 section holders, 6 slotted separators, 24 sections, foundation starters for frames and sections, and nails.

No. 2 is same as No. 1, without sections and foundation starters.

No. 3 Dovetailed Hive consists of 1 bottom board, 1 body, 2 supers, 1 cover, 8 Hoffman brood frames, 1 division board, 2 followers and 2 wedges for supers, 12 section holders, 12 slotted separators, 48 sections, foundation starters for frames and sections, and nails.

No 4 is same as No. 3, without sections and foundation starters.

No. 5 Dovetailed Hive consists of 1 bottom board, 1 body, 1 perfect super, 1 cover, 8 Hoffman brood frames, 1 division board, 2 dummies, 1 follower and 1 wedge for super, 5 slotted separators, 24 sections, foundation starters for frames and sections, zinc honey board, and nails.

No. 6 is same as No. 5, without sections and foundation starters.

No. 7 Dovetailed Hive consists of 1 bottom board, 1 body, 2 perfect supers, 1 cover, 8 Hoffman brood frames, 1 division board, 4 dummies, 2 followers and 2 wedges for supers, 10 slotted separators, 48 sections, foundation starters for frames and sections, zinc honey board, and nails.

No. 8 is the same as No. 7, without sections and foundation starters.

No. 9 Dovetailed Hive, complete two-story for extracting, consists of 1 bottom board, 2 bodies, 1 cover, 16 Hoffman brood frames, 2 division boards, foundation starters for frames No. 13 zinc honey board and nails.

No. 10 is same as No. 9, without honey board and foundation starters.

No. 11 Dovetailed Hive, complete 1½ story for extracting; consists of 1 bottom, 1 body, 1 super, 1 cover, 8 Hoffman full depth frames, 1 division board, 8 half-depth Hoffman frames, 1 half-depth division board, foundation starters for all frames, 1 No. 13 zinc honey board, and nails.

No. 12 is same as No. 11, without honey board and foundation starters.

Table of Prices of Dovetailed Hives.

ORDER BY NUMBER.	N'ld & p't'd, each.	IN FLAT 1	IN FLAT 10	Wt of 10
No. 1 dovetailed Hive, complete	$1 70	$1 30	$10 80	290
No. 2 dovetailed Hive, empty...	1 40	1 10	9 00	270
No. 3 dovetailed Hive, complete	2 30	1 70	14 40	370
No. 4 dovetailed Hive, empty...	1 80	1 35	11 25	330
No. 5 dovetailed Hive, complete	1 80	1 40	11 70	290
No. 6 dovetailed Hive, empty...	1 50	1 20	9 90	270
No. 7 dovetailed Hive, complete	2 40	1 80	15 30	370
No. 8 dovetailed Hive, empty...	1 90	1 45	12 15	330
No. 9 dovetailed Hive, complete	2 00	1 50	12 60	330
No. 10 dovetailed Hive, empty..	1 65	1 25	10 35	320
No. 11 dovetailed Hive, complete	1 60	1 30	10 80	270
No. 12 dovetailed Hive, empty...	1 40	1 10	9 00	260

Five hives same rate per hive as ten.

Prices on large quantities of Dovetailed Hives will be given upon application.

Brood frames for any of the Dovetailed Hives, pierced for wire and wire included at no extra charge, if mentioned in order.

Ventilated Higginsville covers will be furnished at same price as regular cover, if mentioned in order.

The Dovetailed Hive, made to take 10 frames instead of 8, in foregoing table, will cost extra as follows:

Nailed and painted, complete, - - - 25 cents.
In flat, complete, - - - - - 15 "
In flat, empty, - - - - - 10 "

Rabbets are furnished with all bodies, and flat tins with all supers taking section holders. Improved foundation fastening top bars for brood frames, furnished with all hives when so ordered.

Table of Prices of Parts of 8-Frame Dovetailed Hives.

DESCRIPTION.	N'ld & P't'd, each.	IN FLAT. 1	IN FLAT. 10	Wt of 10
Bottom board, - - -	$0 15	$0 10	$ 90	45
Cover—Higginsville, gable or flat	20	15	1 35	40
Body, empty with metal rabbets,	40	30	2 20	80
Body, with frames and div. b'ds.	65	55	4 40	120
Body, with frames, starters and division boards, - -	75	60	4 90	125
Super, with flat tins only, -	20	15	1 00	40
Super with perfect section rests.	30	25	1 75	60
Super as furnished with Nos. 1 and 3 hives, - -	60	45	3 50	75
Super as furnished with Nos. 2 and 4 hives, - -	40	30	2 20	60
Perfect super as furnished with Nos. 5 and 7 hives, -	60	45	3 50	75
Perfect super as furnished with Nos. 6 and 8 hives, -	40	30	2 20	60
Super as furnished with No. 11 hive. - - -	50	35	2 70	60
Body with frames filled with foundation, - - - -	1 50	1 30	10 80	130
Super with frames filled with foundation, - -	80	70	5 80	65

Nails included with all parts of hives.

For parts of 10-frame Dovetailed Hives, add 15 per cent. to prices in above table.

When larger quantities are wanted than are given in foregoing table, write for special prices.

Description of Dovetailed Hives When Ordered in Combination With Outside Winter Cases.

No. 21 consists of 1 body, 1 super, 1 super cover, 8 Hoffman brood frames, 1 division board, 1 follower and wedge, 6 section holders, 6 slotted separators, 24 sections, outside winter case with cover and bottom, foundation starters for sections and frames, and nails.

No. 22 is same as No. 21, without sections and foundation starters.

No. 23 consists of 1 body, 2 supers, 1 super cover, 8 Hoffman brood frames, 1 division board, 2 followers and 2 wedges for supers, 12 section holders, 12 slotted separators, 48 sections, outside winter case with extra half-story, cover and bottom, foundation starters for frames and sections, and nails.

No. 24 is same as No. 23, without sections and foundation starters.

No. 25 consists of 1 body, 1 "Perfect" super, 1 super cover, 8 Hoffman brood frames, 1 division board, 2 dummies, 1 follower and 1 wedge for super, 5 slotted separators, 24 sections, zinc honey board, outside winter case with cover and bottom, foundation starters for frames and sections, and nails.

No. 26 is same as No. 25, without sections and foundation starters.

No. 27 consists of 1 body, 2 "Perfect" supers, 1 super cover, 8 Hoffman brood frames, 1 division board, 4 dummies, 2 followers and 2 wedges for supers, 10 slotted separators, 48 sections, zinc honey board, outside winter case with extra half-story, cover and bottom, foundation starters for frames and sections, and nails.

No. 28 is same as No. 27, without sections and foundation starters.

No. 29, complete two-story for extracting, consists of 2 bodies, 1 super cover, 16 Hoffman brood frames, 2 division boards, 1 No. 13 zinc honey board, outside winter case with extra half-story, cover and bottom, foundation starters for frames, and nails.

No. 30 is same as No. 29, without starters and honey board.

No. 31, one-and-a-half-story for extracting, consists of 1 body, 1 super, 1 super cover, 8 Hoffman full depth frames, 1 division board, 8 half-depth Hoffman frames, 1 half-depth division board, 1 No. 13 zinc honey board, outside winter case with cover and bottom, foundation starters for all frames, and nails.

No. 32 is same as No. 31, without foundation starters and honey board.

Prices of Dovetailed Hives in Combination With Outside Winter Case.

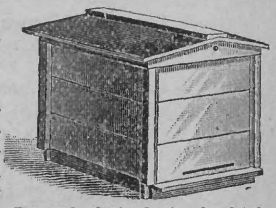
[See description of Outside Winter Case.]

ORDER BY NUMBER.	Nailed & Painted.	IN FLAT. 1	IN FLAT. 10	WT OF 10
21 Complete	$2 70	$2 00	18 00	400
22 Empty	2 40	1 80	16 00	380
23 Complete	3 40	2 50	23 00	500
24 Empty	3 05	2 15	19 50	470
25 Complete	2 80	2 10	19 00	400
26 Empty	2 50	1 90	17 00	380
27 Complete	3 50	2 60	24 00	500
28 Empty	3 15	2 25	20 50	470
29 Complete	3 25	2 35	21 00	470
30 Empty	3 00	2 10	18 50	450
31 Complete	2 60	2 00	18 00	390
32 Empty	2 40	1 80	16 00	430

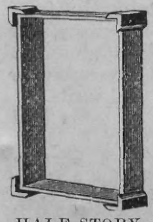
Above prices include half-story rim for outside winter case with all two-story hives.

Description of Our Outside Winter Case and Thin Walled Hive.

There has been considerable discussion concerning the advantages of using an outside case that could be set over an ordinary summer hive to protect it during the winter and early spring. Many experiments have been made both in this country and in England with such a case, and the results have been very favorable.



This illustration shows the winter case complete with bottom and cover. It is a story and a half high, but if a two-story Dovetailed Hive is to be used, a half-story case can be added. The shell is ⅜ inch thick, three pieces in height and are beveled so as to shed water. The corners are solid, same as a chaff hive. If desired, however, they can be made with corners that can be screwed together, so that when the cases are stored away they can be taken apart and so occupy but little room. Quinby hive clasps can also be used on the corners. These clasps will facilitate taking the shells apart, as it will require only a moment to remove them. A gable cover is used having a rim ⅞ inch thick, with roof boards ⅜ inch thick, and ridge board ⅞ inch thick. There is a one inch ventilating hole in each end. The bottom board is adjustable. The hive rests on strips ⅞ inch wide and ⅝ inch thick, rabbeted out ⅜ inch wide by ¼ inch deep. As these strips are the entire length of the bottom board the hive can be pushed forward or back as desired, the bottom being 23 inches long. A strip ⅜x⅞ inch slips in between the side strips of bottom board, and is to be kept under the back end of the

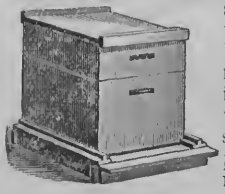


HALF STORY CASE.

hive as it is moved forward or back. A strip ⅜x1¼ inches is used in front of the hive to form an entrance when the case is adjusted for winter, and an alighting board is attached to the front edge of the bottom board.

The bottom is composed of two pieces ⅜ inch thick and 8¼ inches wide, and sets on a rim 2 inches high and ⅞ inch thick. The end pieces of the rim project beyond the side pieces ⅜ inch, so that the shell sets down over the edge of the bottom board and rests on the end pieces. This prevents any cold from entering at the bottom. By simply tacking some boards on under side of rim to bottom board it can be filled with chaff so that the hive will have two inches of packing at the bottom, or it can be left empty, making a dead air space. We advise the use of this bottom board for both summer and winter. While it is somewhat longer and wider than the hive, it is made so that there is no chance of water getting into the hive. In summer, when the winter case is not used, the hive should be shoved to the back end of the bottom board, leaving a wide alighting board in front. For winter management the hive should be placed in the centre of the bottom board so that there will be just 1½ inches between ends of hive and shell. The ⅜x1½ inch strip is placed between the hive and outside case, covering the entrance. This outside case is so constructed that there is not a nail exposed to the weather, which is a matter of much importance, as where a nail is driven through from the outside the frost follows it and accumulates on inside, which melts off during warm days and thus causes a great amount of moisture on inside of hive.

The Thin Walled Hive has the same inside dimensions as the Dovetailed Hive, whose inside material is interchangeable with it. It is somewhat cheaper than the regular Dovetailed Hive, having sides ⅜ inch thick and ends ⅞ inch thick. The ends are rabbeted out ⅜ inch square so that the side pieces slip into the rabbet.



It is really a Dovetailed Hive in everything except the name. We call it our Thin Walled Hive. The cover is made ⅜ inch thick with end cleats ⅞ inch thick. When used with an outside winter case we believe it to be the most complete, and at the same time the cheapest winter hive in use.

There is a 1½ inch space between the hive proper and winter case, both on sides and ends, and whether packed with chaff or used with a dead air space, our experience with hives leads us to believe that it will make in every way as perfect a wintering hive as has ever been invented. Where it is desired to pack the hive with chaff for winter, the half-story and cover of hive is removed and the brood frames covered with burlap or cloth. Then pack the sides with any suitable material and place above the frames whatever thickness may be considered the best for climate in which the hive is used, or the empty case can be left on the top of the hive and the same filled with a cushion, allowing the packing on the sides of the hive to come up to the top of the case; this will leave the brood chamber in better shape to get at for examination, or for the purpose of feeding. When used without packing we are of the opinion that it is better to leave the winter case on during the summer. It is so constructed that it will not be in the way at all, and will be a protection to the hive during extremely hot weather. As some may think that the case will be in the way when handling bees, the case may be removed and the cover placed directly on top of the flat cover of hive, as shown in illustration. This will form a very good shade for the bees. By using building paper to line the winter case it may be made very warm.

By simply removing the ⅜x⅞ inch piece at the back of the hive an entrance can be made at the back end, giving a double entrance to the hive, and should it be desired to use the hive for nucleus hive, for two small swarms, queen rearing or any similar purpose, a division board can be placed in the middle of brood chamber and an entrance made at diagonally opposite ends of the hive. To do this will require no cutting of the hive, or anything more than slipping under each end a thin piece of wood cut the proper length.

We believe this hive and winter case to be the cheapest and most efficient for the several purposes that has yet been offered. Bee keepers having the regular Dovetailed hive will, with this winter case, have the cheapest, most convenient and safest winter hive that can be obtained.

Prices are given in the following tables:

Table of Prices of Thin Walled Hive.

Without bottom, but fitted with same *inside furniture* as the respective numbers for Dovetailed Hive.

ORDER BY NUMBERS.	N'led & Painted Each.	IN FLAT. 1	IN FLAT. 10	Weight of Ten
T. W. No. 1	$1 50	$1 20	$10 00	245
" " 2	1 20	90	8 00	215
" " 3	2 10	1 50	13 90	300
" " 4	1 60	1 15	10 40	260
" " 5	1 60	1 20	11 00	240
" " 6	1 30	1 00	9 00	215
" " 7	2 20	1 60	14 90	300
" " 8	1 70	1 25	11 40	260
" " 9	1 80	1 30	11 80	270
" " 10	1 45	1 05	9 30	260
" " 11	1 40	1 10	10 00	225
" " 12	1 20	90	8 00	215

Five hives same rate per hive as ten.

The price of above hives with bottoms will be according

to whether Outside Winter Case Bottom or Thin Walled Hive Bottom is wanted.

Add for Outside Winter Case Bottom per hive, 15 cents
Add for Thin Walled Hive Bottom per hive, 5 cents

Outside Winter Case.

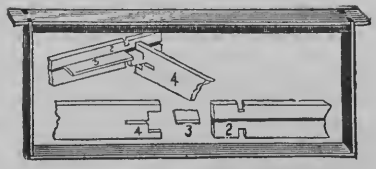
For Eight Frame Dovetailed and Eight Frame Thin Walled hives.

DESCRIPTION.	Nld. & Painted Each.	IN FLAT. Each.	5	10	Wt. of 10
Outside Winter Case with cover and bottom.....	$1 25	.75	3 25	6 50	190
Outside Winter Case with cover only (no bottom)	1 00	.55	2 50	5 00	140
½ story Winter Case.....	15	.12	50	1 00	23

Table of Prices of Parts of Eight Frame Thin Walled Hives.

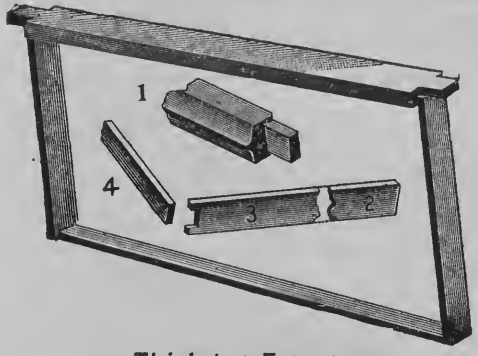
DESCRIPTION.	N'led & Painted Each.	IN FLAT. Each.	5	10	Wt. of 10
Bottom for Outside Winter Case, or for use under Thin Walled or Dovetailed Hives.....	.25	.18	.75	1 50	50
Body.....	.25	.18	.75	1 50	45
Super	.15	.10	.40	80	23
Cover	.15	.10	.40	80	13
Thin bottom for Thin Walled Hive for using same as bottom for Dovetailed Hive.....	.10	.07	.25	50	13

BROOD FRAMES.



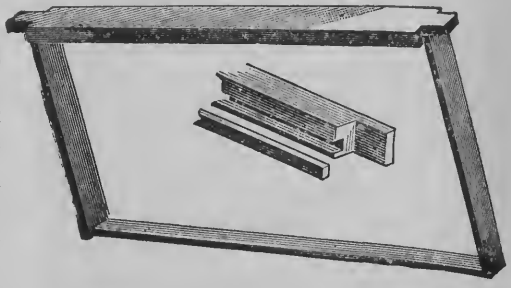
Simplicity Frame.

This is the all wood, old style frame, furnished with Simplicity Hives for many years. It has an inserted comb guide.

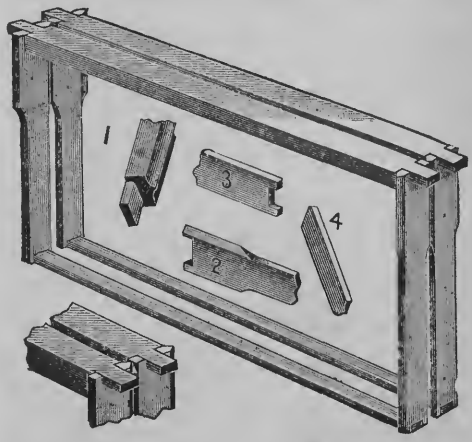


Thick-top Frames.

As thick-top frames practically prevent the building of burr combs, frames with a thick top bar are almost universally used. The above frame has a top bar ⅞ inch thick including the comb guide, which is molded out solid from a piece ⅞ inch thick. This leaves the top bar ⅝ inch thick on the side. The width of top bar is 1⅛ inches. The end bars are 1x¼ inch. The bottom bar is ¼x⅜ inch. The projections on top bar are narrowed to ¾ inch in width to allow more room for taking hold of frame. This frame is furnished with improved foundation fastening top bar, as per following illustration, at same price.



Improved Foundation Fastening Frame.



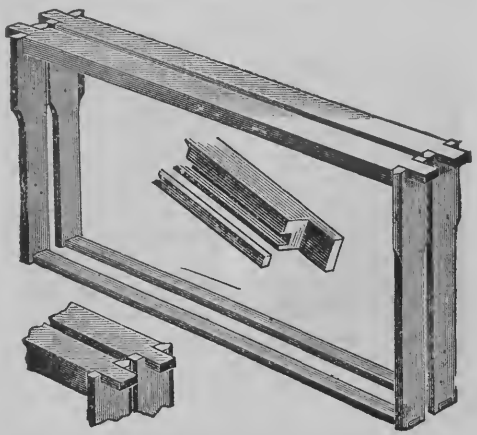
Hoffman Self-spacing Frame.

This frame is the same as the thick-top frame with the exception of the end bars, which have projections on the sides which serve the purpose of accurately spacing the frame in hive. One side of the projection to each end bar is cut V-shape, so that when placed in the hive this V edge strikes the square edge of end bar of adjacent frame. The V edges of the end bars are on opposite sides of the frame, and in nailing frame up in this way there will be no difficulty in placing it correctly in hive. All our hives are supplied with this style of frame, unless otherwise specified in order.

Improved Foundation Fastening Frame.

This frame has a thick-top bar, and is self-spacing, as it has projections on end bars same as the Hoffman frame. In addition, the top bar is so made that the foundation fastening strip holds the foundation absolutely in place, perfectly straight and exactly in center of top bar. The work is done rapidly and the foun-

dation is securely fastened. The illustration shows how the top bar is made. To put in foundation, insert edge in the groove, slip in the fastening strip and push it up tightly against the foundation, and tack in place with two or three small wire nails. This frame will be furnished with all hives when so ordered.



Top bar is narrowed at ends, same as Hoffman and thick-top bar frames.

Where foundation, either in full sheets or starters, is used—and we particularly recommend the use of it—this frame, we are quite sure, will be found superior to any other.

Foundation fastening top bars will be furnished with thick-top bar and Hoffman frames at no extra charge.

Half Depth Extracting Frame.

These frames have a top bar ⅜ inch thick, 1⅛ inches wide and without comb guide, but grooved for foundation. Bottom bar, ¼x¾ in. End bars are Hoffman self spacing. As some may wish comb guides for this style frame, we will furnish either the moulded thick-top or improved foundation fastening top bar for 50 cents per hundred extra.

End Spaced Frames.

For those who wish them we furnish any style of brood frame with staples for end spacing. These frames are made by cutting off the projection of top bar short enough to allow a bee space around the end. To prevent the sliding of frames endways a staple is driven in the end bar and this staple strikes the tin rabbet, preventing end play.

To Wire Frames.

Horizontal wiring is generally conceded to be the simplest and most effective. End bars are pierced with four holes, two inches from center to center. Drive a tack at the upper and lower hole of one end bar, fasten one end of wire to one of these tacks and pass other end through the other holes, back and forth and parallel to each other, drawing wires taut so as to take up the slack; wind the end of wire around the other tack and drive tacks in. End bars are so pierced that the lower wire is about ¾ inch from bottom bar.

To fasten foundation in wired frames, cut the sheets ⅜ inch narrower than inside depth of frame. If improved foundation fastening frames are used, place upper edge of sheet in groove and press foundation fastening strip in place and tack with two or three small wire nails. Or, if moulded top bar is used, place upper edge of sheet of foundation against the comb guide and press it firmly to same with Daisy foundation roller. Frames are furnished with end bars pierced and wire for wiring at 10 cents extra per hundred frames.

Price List of Brood Frames.

NAME.	Put up	IN FLAT.			Wt. of
	100	10	100	1000	100
Hoffman	$2 50	.20	$1 80	$15 00	35
Imp. Fdn. Fastening (Hoffman end bars)	2 50	.20	1 80	15 00	40
Thick-top	2 00	.18	1 50	12 50	35
Imp. Fdn. Fastening (thick-top frame, end bars)	2 00	.18	1 50	12 50	40
Simplicity	2 00	.15	1 20	10 00	25
Half Depth Extracting (4½ inches	2 00	.15	1 20	10 00	25
Half depth Extract'g (thick-top or I. F. F. top bars)	2 50	.20	1 70	14 00	30

Above prices include nails.

Staples for end spacing with gauge for driving, 15c. per lb.; 2 lbs. 12c. per lb.; ¼ lb. 5c. Gauge is furnished with each lot of staples.

As per above table, improved foundatio fastening top bars are furnished with either the Hoffman or thick-top bar frames at same price. Frames are furnished with end bars pierced and wire for wiring for 10 cents extra per 100 frames.

Our hives are all made to take the Langstroth frame, which measures outside 9⅛x17⅝ inches. The half depth frame is same measure except in depth, and is for use in half stories or supers.

Our prices on odd sized frames will be the same as given in above table on all kinds except the Hoffman, with a charge of 50 cents added for setting machinery on any quantity less than 1,000.

For the Hoffman style odd sized frames the charge will be $1.00 instead of 50 cts. as above.

On orders of 1,000 or more odd sized frames. of one kind, we make no charge for cost of setting machinery.

Tinned Wire.

No. 30 tinned wire is the size used for wiring frames. We can furnish it on various sized spools and in 5 lb coils as per following table:

Price List of Tinned Wire.

Postage	SIZE.	PRICE—	Each.	Doz.
2 cents	1 oz. spools No. 30 tinned wire		.03	$ 25
6 "	¼ lb " " " "		.10	90
10 "	½ lb " " " "		.15	1 50
18 "	1 lb. " " " "		.25	2 40
	5 lb. coils " " "		.70	8 00

DIVISION BOARDS.

Chaff Cushion Division Boards.

These are made of thin wood, packed with chaff and have cloth cushions, bottom and ends, that they may fit closely in the hive and be easily removed.

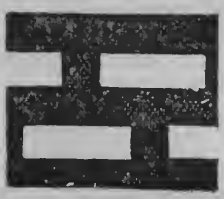
Plain Division Boards—No Chaff.

These are made of one thickness of lumber and are the proper size to just fit the inside of brood chamber of hive. We always furnish them with Dovetailed Hives, but they are used more or less in all hives. We make these different thicknesses: ⅞ division boards are used in Simplicity and Falcon Chaff Hives, while ¾ or even 3-16 in. thick are used in Dovetailed Hives.

Price List of Division Boards.

DESCRIPTION.	Each.	10	Wt. of 10.
Chaff Division Board, complete...	.20	$1 80	20 lb
Chaff division board, flat, no chaff.	.10	90	13 "
Plain division board, nailed.....	.10	80	10 "
Plain division board, flat.....	.06	50	9 "

Perforated Zinc for Excluding Drones and Queens.



Zinc, 17-100 Perforations.

This is used between the upper and lower stories to prevent the queen from going up above. It is also used for entrance guards, queen and drone traps, etc.

We are now furnishing zinc with perforations 17-100 wide, this being the size that experience has shown will give best results.

Price List of Perforated Zinc.

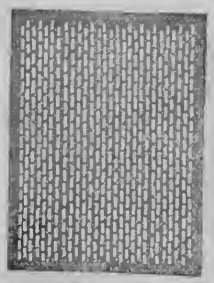
Zinc strips, 1 row holes, ¾x18 to 19⅛ in...$ 80 per 100
Zinc sheets, perforated, 28x96 ..... 1 20 each

Less than a sheet of zinc, 10 cents per foot. By mail, 10 cents per foot extra. Zinc strips may be sent by mail for one cent each for postage.

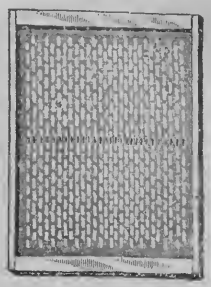
HONEY BOARDS.

These are used for the purpose of excluding queens from upper story. They will also prevent building of burr combs, but if thick-top brood frames are used, as described elsewhere, it will not be necessary to use a honey board for the purpose.

The perforations in honey boards are same as in full sheets, 17-100 wide.

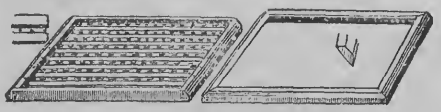


Nos. 1 and 11.



Nos. 2, 12 and 13.

Nos. 1 and 11 are sheets of zinc with unperforated margin, the center being perforated same as full sized sheets.



No. 5, For Simplicity Hive.

Table of Prices of Honey Boards.

No.	NAMES AND DESCRIPTION.	Wt. in oz.	Sizes in Inches.	Price of 10
1	Unbound zinc honey board.....	15	14 x19⅛	$1 20
11	8 frame unbound zinc honey board	13	12 x19⅛	1 00
2	Wood bound zinc honey board..	16	14⅛x19⅛	1 50
5	Slatted wood zinc, 10 frame.....	22	14⅛x19⅛	1 80
6	Slatted wood, 10 frame.....	16	14⅛x19⅛	80
7	8 frame Dovetailed slatted wood	15	13⅞x20	80
8	10 frameDovetailed slatted wood	17	16 x20	80
9	8 frame Dovetailed slatted wood zinc.....	19	13⅞x20	1 50
10	10 frame Dovetailed slatted wood zinc.....	23	16 x20	1 60
12	10 frame Dovetailed wood bound zinc.....	22	16 x20	1 60
13	8 frame Dovetailed wood bound zinc.....	20	13⅞x20	1 50

Nos. 2, 5 and 6 inclusive have a bee space on both sides.

The last six honey boards have only one bee space.

All but Nos. 6, 7 and 8 are queen excluding.

Nos. 1 to 6 are for Simplicity, Chaff and Portico 10-frame hives.

The last six honey boards are all for the Dovetailed Hives or other square joint hives of the same size.

Nos. 1 to 6 and No. 11 are used inside of the hive—the edge does not come to the weather.

The last six honey boards come to the outside of the hive.

We will furnish odd sized honey boards at a small additional cost. Prices on application.

Tin Rabbets for Hives.

Rabbets 12 or 14 inches long for 8 and 10-frame hives, $1 per hundred. Other lengths 1 cent per foot.

Price List of Tin and Wood Separators.

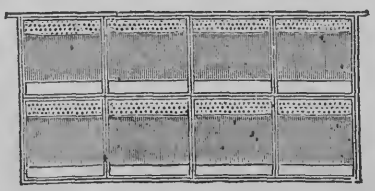
NAME, AND FOR WHAT USED.	Length in Inches.	PRICE. 100	PRICE. 500	Wt. of 100
Tin separators for 8 and 4 section wide frames	17⅝	$1 60	$7 50	25 lbs.
Tin separators for 6 and 3 section wide frames	13⅜	1 20	5 50	18 "
Tin seps. for section holders	17⅞	1 60	7 50	25 "
Tin separators for T supers	17¼	1 60	7 50	25 "
Tin seps. for combined crates.	17¼	1 60	7 50	25 "
Slotted wood separators 4⅛x18 for Dovetailed supers	.....	60	2 50	7 "
Slotted wood separators 4¼x17 for perfect supers	.....	60	2 50	7 "
Sawed wood seps., 3⅛ in. wide	17, 17¼ or 18	40	1 80	5 "

Section Holders for Dovetailed Hives.

Section holders for Dovetailed Hives (see cut in description of said hive) are made with bottom ¼ inch thick by 1⅞ inches wide, and are cut out to fit insets of sections. The ends are ⅛x1⅞x4¼. They have no top bar, nor are separators included in price.

Price per 100 ..... $1 20
Price per 500 ..... 5 00
Section holder bottoms, per 100 60

Wide Frame to Hold Sections 4 1-4x4 1-4.

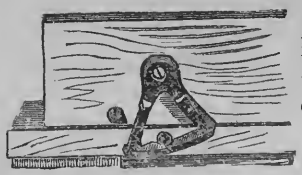


Wide frames were the original arrangement for holding sections in Simplicity Hives and while still in use have been largely superseded by the introduction of more convenient devices, such as section holders, T supers and crates, described elsewhere. We always keep these frames in stock.

Wide Frames in Flat.

DESCRIPTION.	PRICE. 100	PRICE. 500	Wt. of 100
Wide frames for eight 1 lb. sections	$2 00	$8 00	50 lbs.
Crosswise wide frames for six sections	2 00	7 50	40 "
Half depth wide frames for 4 sections	2 00	7 50	40 "

Van Dusen Hive Clasp.

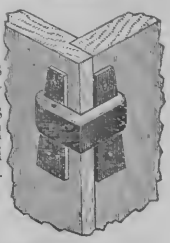


Very convenient for fastening bottom board to hive, and various other uses.

They come in pairs.

1 pair, with four screws ..... $ 05
10 " with screws 35
50 " " " 1 50
250 pairs, without screws 5 00

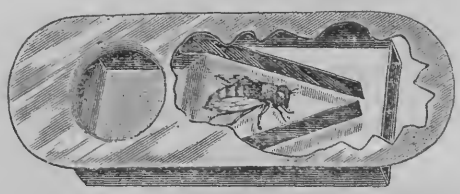
Quinby Hive Clasps.



One of the last inventions of Mr. Quinby was the new clasp for the corners of his hive. It draws equally and perfectly from both ways, and holds the corners firmly together.

Sample set (12 pieces constitute a set) 15 cents
By mail ..... 28 "
10 to 25 sets, per set ..... 12 "
25 to 50 sets, " ..... 11 "
50 to 100 sets, " ..... 10 "

Porter Bee Escape.



This escape is far superior to all others.

Bee escapes greatly facilitate the removing of honey from hives and supers. The escape is fastened to a board after making a snitable hole in same. One escape to a board is sufficient. Complete directions for using the escape are sent with each one.

Price, each, 20 cents; per dozen, $2.25. Sent by mail, postpaid, at these prices. We furnish these escapes in quantities at manufacturer's prices. Board with escape for Dovetailed Hive, 35 cents each.

Hive Carriers.

These are bails with hooks for catching under the bottom board of hive, and of proper length so that a hive can be carried easily and safely.

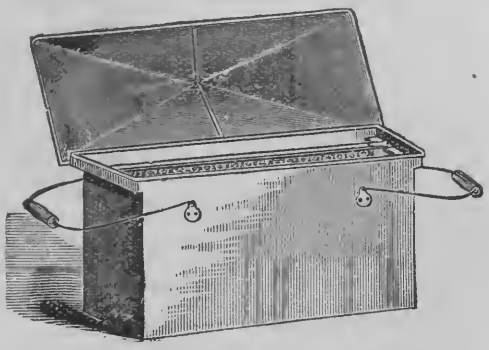
Price per pair, 25 cents.

Comb Holder.

This is for hooking over the edge of a hive to hang frames upon when taken from the hive for any purpose, and will be found very convenient.

Price, each ..... 25 cents
By mail, extra, each ..... 10 "

Comb Bucket.



Holds five frames secure from dust or robbers and catches all the drip.

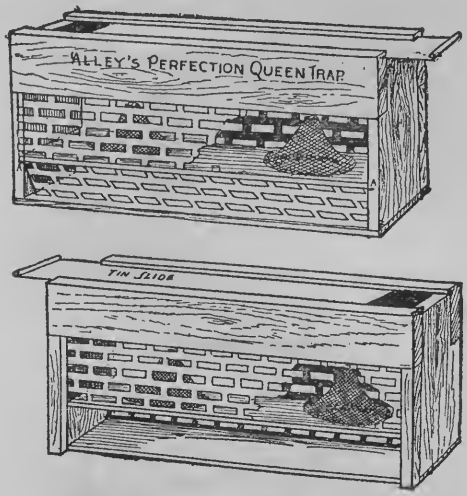
Price, for Simplicity frames $1 25
Will make to order for other frames, for.. 1 50

Box Scraper.

Very handy for cleaning bottom boards, propolis from frames, etc.

Price, 25 cents. In lots of ten, $2.25.

Alley's Combined Drone and Queen Trap.



This trap is for placing in front of a hive. It catches the queen and therefore acts as a non-swarmer. Drones are also caught and can be destroyed. Worker bees can pass through the perforated zinc, the drones and queen being imprisoned in the chamber about the wire cones, as shown in the illustration.

Each, 50 cents; 10 for $3.50. By mail, 65 cents each.

Bee Entrance Guards.

These are to admit workers, but exclude drones. After the drones are all out, fix the guards over the entrance, and at night the drones can be destroyed.

Price, 5 cents; by mail, 10 cents. Ten for 45 cents, or $4.00 per hundred.

Hill's Device for Covering Frames in Winter.

The above is placed over the frames and under the cushions, and forms a chamber for the bees to cluster in, and permits them to pass freely from one comb to another.

Price, each .....$ 05
Ten..... 45
One hundred 4 00
In the flat, per hundred 3 50
By mail, additional, each..... 05

Simplicity Hive Opener.

An extremely handy tool in the apiary. When bodies and covers are propolized together it is difficult to separate them, and especially so without jarring and disturbing the bees. With this opener it can be done easily, quickly and without annoyance to the colony. It is light and can be carried around the yard when engaged in examining swarms. As it is adjustable it can be used on any hive that has hand holes. Cut shows its construction.

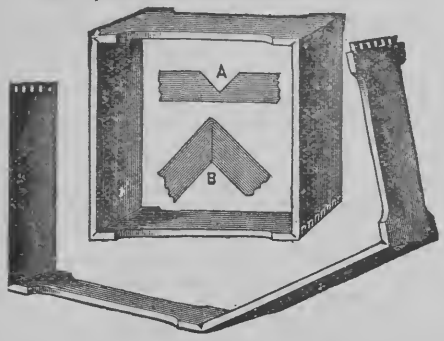
Price each, 25 cents; by mail, 40 cents. Ten for $2.00.

Fountain Pump or Sprinkler.

This pump is made of tin and is very convenient for sprinkling a garden or a colony of bees. There are four different nozzles, one for a small stream, one for a large stream and two for spray.

Price, each .....$1 00 In lots of two.....$1 90
In lots of three.... 2 75 In lots of twelve.. 9 00

One-piece V Grooved Sections.



We were the first to produce a polished section, and we have yet to see any sections equal to ours. Our machine for sanding sections sands *across the grain*, which cuts the grain of timber off smooth—instead of lengthwise of grain which raises the grain, and this defect is shown more particularly after sections have been in hive and exposed to more or less dampness. The sections, in passing through the machine, are sanded by several grades of sand paper, and in addition are passed over buffing wheels that put on a high polish that cannot be obtained by the use of sand paper alone.

Our sections are made from selected basswood, the white part of the lumber only being used, all the dark, knotty and otherwise unsuitable parts being cut out and used for other purposes.

Our regular make of one-piece sections have curved opening top and bottom; but we make them with full opening top and bottom for glassing at no extra charge; but orders are always filled with curved opening sections unless full opening is mentioned in order.

We put sections in boxes containing 500 or 1,000 as desired. The boxes containing 1,000 are so made that by sawing four cleats ½x2½, two boxes of 500 each are obtained without repacking, and if to be re-shipped one or two cleats only will have to be put across to hold sections in. This box is very strongly constructed and is well adapted for foreign or long shipments.

We keep sections 4¼x4¼ of several widths in stock, and in ordering be sure to *state the width.*

We grade sections as No. 1 Falcon and No. 2 Falcon. Our No. 1 are without question the finest finished sections manufactured, and our No. 2 are equally as good except color or some other slight imperfection.

Table of Prices.

Sections 4¼x4¼, any width, 2 inches or less, not over ⅞ inch thick:

Per	100,	No. 1,	$ .50	No. 2,	$ .40
Per	250,	" "	.85	" "	.75
Per	500,	" "	1.50	" "	1.25
Per	1,000,	" "	3.00	" "	2.50
In lots of	2,000,	" "	2.85 per 1,000	" "	2.35 per 1,000
In lots of	3,000,	" "	2.75 per 1,000	" "	2.25 per 1,000
In lots of	5,000,	" "	2.50 per 1,000	" "	2.00 per 1,000

Sections with closed tops, opening on three or four sides, or with no opening, regular price.

For larger quantities we will quote prices upon application.

The only sized section we furnish No. 2 is the 4¼x4¼ and these are only obtained by sorting out such, while manufacturing, as are not suitable for No. 1. We shall probably have No. 2 sections in stock 1⅞ and 1 15-16ths wide. Other widths we will furnish if we have them, but as we are quite likely not to it will be well in ordering No. 2 sections to state to fill order with No. 1 if no No. 2 are in stock. We seldom have No. 2 sections *closed top.*

Sections 3⅝x5x1⅛.

These sections will be sold same price as 4¼x4¼. They are 3⅝ ins. wide by 5 ins. high and are intended to use with cleated separators. When used in this way they are made 1⅛ ins. wide with straight edges, or no bee-way.

Sections 4x5.

As there is considerable call for sections 4 ins. wide by 5 ins. high, we will furnish them at an advance over price of 4¼x4¼ sections of 10 cents per 1000, without extra charge for setting machinery.

These will be furnished any style as regards openings or no bee-way.

Odd Sized Sections.

ONE PIECE.

For all other sized one-piece sections the price will be in addition to the price of 4¼x4¼ sections, 50 cents on the lot for setting machinery, and 10 cents per 1,000 extra for each additional inch or fraction thereof in the combined length of the four sides over and above the length of the four sides of 4¼x4¼ sections.

Dovetailed and to Nail Sections.

Four-piece sections, dovetailed or to nail, will be 50 cents per 1,000 more than one-piece, without the charge of 50 cents for setting machinery for odd sized sections.

When ordering odd sized sections other than square, or when top and bottom are different length than sides, state how they go in hive, thus, or thus, and always give width of sections. By observing some of these points you will often avoid vexatious delays caused by having to write for more explicit directions.

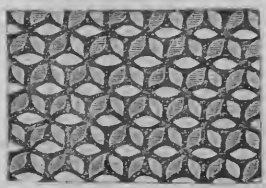
As there is considerable call for sections 3⅞ in. wide by 5 in. high, we will furnish them at an advance over price of 4¼x4¼ sections of 10 cents per 1,000, without extra charge for setting machinery.

We furnish these sections cut out on the sides by extending the curved opening of top and bottom, and will also furnish any sections this style if mentioned in order.

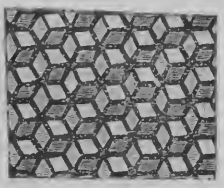
Tin Points for Honey Boxes.

Per thousand, ...$ 25
Ten thousand 2 00
By mail, per thousand,..... 31

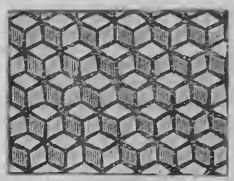
Comb Foundation.



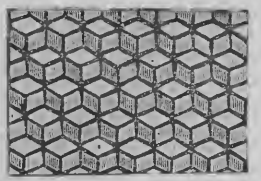
Standard & Light Standard.



Extra Light Standard.



Light Section.



Extra Light Section.

We have had years of experience in the making of foundation, and have yet to hear of any complaint being made of any we have ever sent out; but, on the contrary, have quantities of unsolicited testimonials of its superior excellence.

"Falcon" Brand.

We use only the better grades of pure beeswax, and before making into foundation it is entirely cleansed *of all foreign substances.*

We have several machines, especially constructed for making the following kinds: *Standard Brood*, 5 ft. to the lb; *Light Standard*, 6 ft. to the lb; *Extra Light Standard for wiring*, 8 ft. to the lb; *Light Section*, for surplus honey, 10 ft. to the lb; *Extra Light Section*, 12 ft. to the lb.

We furnish Extra Light Standard Brood foundation for L. frames only.

We keep Standard and Light Standard *brood* foundation in stock, so that we can cut sheets as large as 12x20, or any smaller size as desired, upon receipt of order.

Section foundation will be cut in any width strips under 6 inches, and about 20 inches in length.

Unless size is mentioned in order, section foundation will be cut in sheets 3¾x15½ ins.

Price of crude wax is very liable to change, in which case we have to change the price of foundation. It would be quite impossible to notify all our customers, so we have to make *prices subject to change without notice.* However, any change in the price of this or any other article will be noted from time to time in The American Bee Keeper.

Samples of foundation mailed free.

Price Per Pound.

GRADE.	Sq. Ft. per lb.	1 lb.	10 lbs.	25 lbs.	50 lbs.
Standard Brood.....	5 feet	.45	.43	.41	.40
Light Standard Brood.....	6 "	.45	.43	.41	.40
Extra Light Standard Brood....	8 "	.47	.45	.43	.42
Light Section.....	10 "	.52	.50	.48	.47
Extra Light Section.....	12 "	.55	.53	.51	.50

For larger quanties write for prices.

If foundation is wanted by mail add 25 cents per pound.

Unless going a very long distance it will doubtless be cheaper to send by express rather than by mail.

Parties ordering can depend upon our prices being as low as any manufacturer or dealer having a reputation for sending out first-class goods.

We pay *market* price for Beeswax at all times. Price we can pay will be given upon application, also will be stated in every issue of The American Bee Keeper.

HONEY EXTRACTORS.

Please give dimensions of your frame when ordering.

Be sure you write like this:

Depth.....Length.....

Top Bar, full length.....

These extractors are of the very best construction. The smaller sizes are made of tin and the larger of galvanized iron. This machine has been on the market for many years, though as now made it is very much improved in its construction, it being stronger and more convenient than the old style.

For a small apiary it answers very well, but where a great deal of work is to be done time is of importance, and the Cowan Reversible will be found more economical.

In ordering extractors for odd sized frames, give outside dimensions of frames and length of top bar.

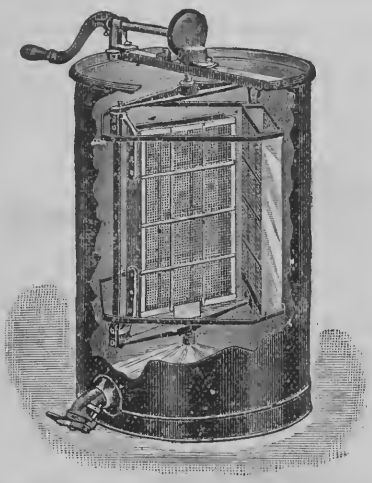
Price List of Novice Extractors.

No. 4—For all frames 13 inches and less in depth and 13¾ inches or less in width (weight 50 lbs.) - $7 00
No. 5—For L or Simplicity frame, standing on end, or any other frame not over 9½ inches in depth or 18½ inches long, top bar 20 inches (weight 45 lbs.) 7 00
No. 7—For frames deeper than the L, but not over 11¾ inches deep (weight 60 lbs.) - - - 8 00

No. 10—For still deeper frames, not over 13¾ inches deep or 18½ wide (weight 60 lbs.) - - - 8 00

Any above numbers with milk can handles, 25 cents extra.
Any above numbers with 60 lbs. space below, 50 cents extra.
Any above numbers with 100 lbs. space below, $1.00 extra.
Any above numbers made for four frames, $5.00 extra.

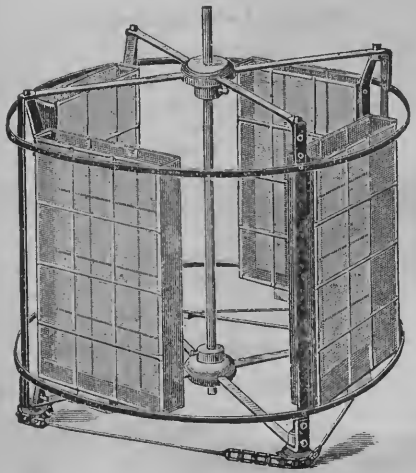
Cowan Rapid Reversible Extractor.



This is an excellent machine where rapid work is required. The machine does not reverse the frames automatically, but they are easily and quickly reversed by hand and without removing them from the extractor. The four and six frame Cowan Extractor is somewhat different in construction, but does even more rapid work, as all the frames are reversed at one time, they being connected, as shown in illustration, by a sprocket wheel and chain.

Four and Six Frame Cowan Extractor.

Showing inside construction.



Price List of Cowan Extractors.

No. 15—2 frame Cowan for L frames; diameter of can 20 inches; weight, 70 lbs.. - - - - - $10 00

No. 17—2 frame Cowan for frames not over 11 inches deep; 22 inches diameter; weight 90 lbs., - 11 00

No. 18—2 frame Cowan for frames not over 12 inches deep; 24 inches diameter; weight 120 lbs., - 12 00

No. 20—2 frame Cowan for frames requiring larger than 24 inch can, - - - - - - - - 14 00

No. 25—4 frame Cowan for L frames; 28 inches in diameter; weight 150 lbs., - - - - - 20 00

No. 30—6 frame Cowan for L frames; 31 inches diameter; weight 180 lbs., - - - - - - 26 00

Write for prices on 4 and 6 frame extractors for odd-sized frames.

Price List of Bevel Gears, Etc.

Bevel gearing, including cross arm, complete, for 17 inch Novice can; weight 6 lbs., - - - - $ 1 20
Bevel gearing for 20 inch can; weight 11 lbs., - 1 50
Bevel gearing for 22 inch can; weight 13 lbs., - 2 00
Bevel gearing for 24 inch can; weight 15 lbs., - 2 50
Bevel gearing for 28, 30 or 31 inch can; weight 32 lbs., 5 00
Honey gate for extractor, 1½ in. bore. (postage 25c) 60
Honey gate for extractor, 2 in. bore, (postage 35c) - 75
Honey gate for extractor, 2½ in. bore, (postage 50c) 1 00
Galvanized wire cloth for extractors, per square foot 08

Ten feet, 70 cents; by mail, 5 cents per foot extra.

Honey gate handles for old style gate, either 1⅛ or 1½ in. bore, 20 cents each; by mail, - - - 35

Parts of extractors will be furnished if full description of what is wanted is given.

Comb Basket,

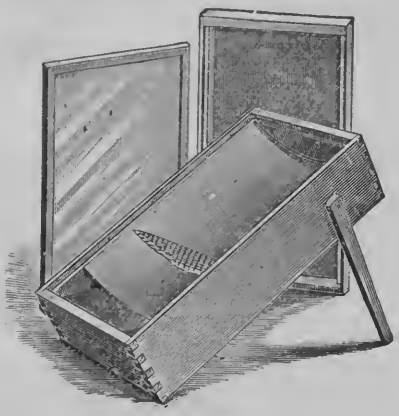
To be hung in extractor, for broken pieces of comb and for section boxes.

Price 25 cents ; by mail, 35 cents.

Dadant's Uncapping Can.

This is very convenient when much extracting is done. The caps fall on a wire screen and the very finest honey drains from them and is drawn off below. If a jet of steam is obtainable, by directing it on the drained cappings, one hundred pounds or more may be reduced into nice wax in a few minutes. Price $7.00. They are finished like extractors.

Doolittle Solar Wax Extractor.



With this the sun supplies sufficient heat to render the wax, at the same time bleaching it and making it of No. 1 quality.

Price.....$3 00

Swiss Wax Extractor.

This extractor is very simple. In using, place the refuse comb in the wire basket and place it inside the can, put on the cover and set the whole over a pan or kettle of boiling water. As the comb melts, replenish. This is all the attention the extractor needs.

Price.....$2 50

We furnish a copper bottomed steam generator, made expressly for this extractor, for $1.00.

Jones Wax Extractor.

This, in principle, is same as above, but is larger and more complete, and where a large amount of work is to be done will be found the most suitable.

Price complete, including boiler.....$4 00

35-Cent Wax Extractor.

This is an 8-quart dish pan, with a metal sieve set in it. To use it, pour water in the pan, put your comb in the sieve and set the whole in the oven. As fast as the wax melts and falls in the water put more comb in the sieve.

HONEY KNIVES.

Novice Honey Knife.

This knife has a thin, flexible blade, highly polished, and with both edges and point ground sharp.

Quinby Knife.

This is same as Novice in every respect, except the point is curved to facilitate the uncapping of irregular pieces of comb. The edge is sharp all around the blade, including the point.

Bingham Knife.

This has a thick blade beveled on under side of the edges and ground sharp. It has long been the leading uncapping knife, as a stiff blade is found much more convenient than a flexible one.

Abbott Honey Knife.

This is practically the same as the Bingham.

Ten Cent Honey Knife.

This has a wide, thin blade, and will be found very convenient for cutting up comb honey, scraping off propolis, etc.

Price List of Honey Knives.

Postage	NAME.	Price.
10 cents	Bingham honey knife	$0 70
5 "	Quinby honey knife	90
5 "	Novice honey knife	75
10 "	Abbott honey knife	70
5 "	Ten cent honey knife	10

Carlin's Foundation Cutter.

With tin wheel, 10 cents.
By mail, - 12 "
With steel wheel, 25 "
By mail, - 30 "

BEE VEILS.

Bee Veils.

These veils have a rubber band around the top so as to fit the hat snugly. The lower edge is bound, to prevent fraying. The kinds of material are given in the following table:

No. 1 veil, made entirely of silk tulle	Each,	80 cents
No. 2 veil, cotton tulle, with silk tulle face	"	50 "
No. 3 veil, cotton tulle throughout	"	40 "
No. 4 veil, mosquito bar throughout	"	25 "
Silk tulle, 24 in. wide (8 yds. weigh 1 oz.)	per yd,	50 cents
Cotton tulle, 24 in. wide (postage 2c per yard)	"	20 "
Mosquito bar, 66 in. wide, per piece of 8 yards		50 "
Silk tulle, for face of veil, 9x12 inches		10 "

Above prices of veils and silk tulle include postage.
Postage on full piece mosquito bar, 15 cents.

Five Bar Bee Veil.

Has five cross bars *riveted* through the center at the top. These button to studs on the neckband. The bars are light spring steel, the neckband is of hard spring brass and the cover is of handsome, light material. It is very easily put together—no trouble to put on or take off. It protects against mosquitoes, flies, bees, gnats, etc. The veil weighs only five ounces. Price $1.00.

Rubber Gloves.

Postage.	DESCRIPTION.	Price.
5 cents.	Ladies' sizes, 6, 7, 8 and 9	$1 35
5 "	Gentlemen's sizes, 10, 11 and 12	1 45
10 "	Extra long driving, Nos. 13 and 14	1 70

To insure getting proper size, mark outline of hand on sheet of paper. If you order by number, order two sizes larger than you require in kid.

SMOKERS.

Bingham Perfect Smokers.

Patented 1878, 1882 and 1892.

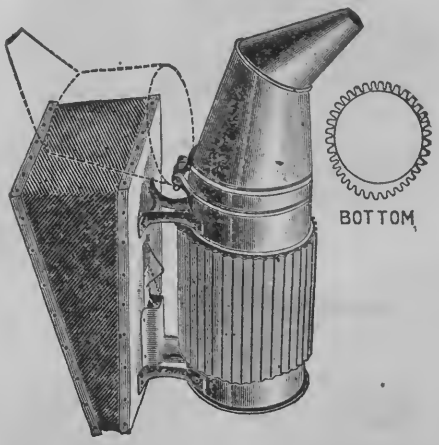
These smokers are standard and have been on the market for many years. The "Doctor" and "Conqueror" cannot be excelled for use in large apiaries.

Price List of Bingham Smokers.

NAME.	Size of Barrel.	PRICE EACH. By Mail	PRICE EACH. Fgt or Ex.	Price per Dozen.
Smoke Engine largest made	4 in.	$1 50	$1 20	$13 00
Doctor	3½ "	1 10	90	9 00
Conqueror	3 "	1 00	70	6 50
Large	2½ "	90	60	5 00
Plain	2 "	70	50	4 75
Little Wonder	2 "	60	45	4 50

We will furnish half dozen of any size at dozen rates.
The four larger sizes have extra wide shields and double coiled steel wire handles. These shields and handles keep the hands cool and clean.

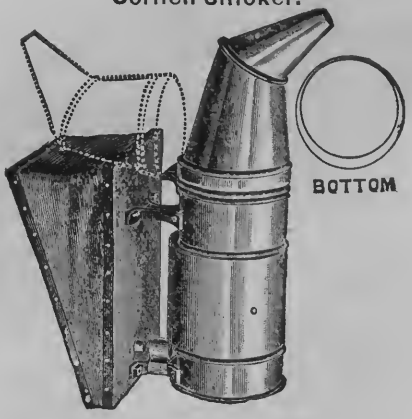
Crane Smoker.



This smoker is considerably improved from first model. The fire barrel is 3½ inches in diameter and is surrounded with a corrugated tin shield. The top is hinged as shown in cut. It is similar to the Bingham, but is somewhat heavier.

Price, each, $1.25; by mail, $1.50; per ½ dozen, $6.00.

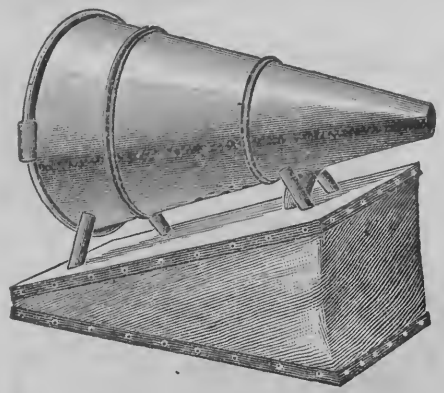
Corneil Smoker.



Size of cup, 3½ in.; curved nozzle, hinged to swing back; legs of malleable iron, secured by bolts. The blast is the well-known Corneil principle. Weight, only 20 ounces.

Price each, by mail, $1.00; by freight or express, 75 cts.
Three for $1.80. One-half dozen, $3.25.

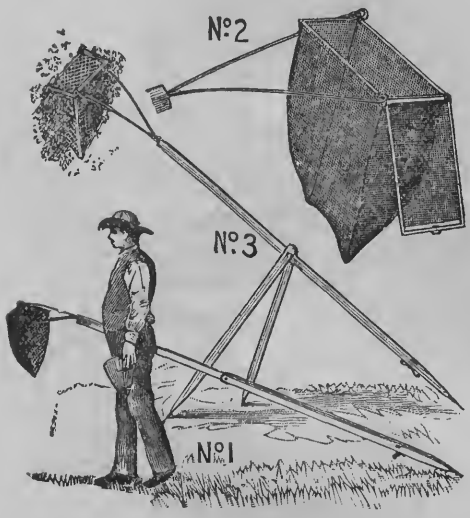
Clark's Cold Blast Smoker.



We have sold several kinds of smokers heretofore, but our experience has proven that for a cheap smoker the Clark is the best.

Clark's Cold Blast, by mail, 70 cents; with other goods or by express, 50 cents; crate of five, $2.00.

Manum's Swarming Basket.



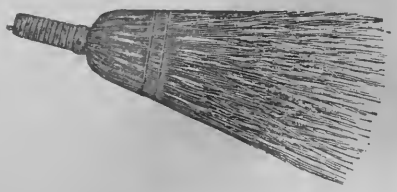
This is a most complete swarming device. As cut shows, it consists of a wire basket fastened to a pole which is held in position by a tripod. The shape of basket is somewhat different than shown in illustration.

To hive a swarm, place the open basket under the cluster of bees, so that when they are shaken from their position they will fall into the basket; close the lid, and as most of the bees will be inside, they can be carried and emptied into hive.

This swarmer is light, conveniently carried, and will reach a swarm 20 feet from the ground. The tripod holds the basket in position, allowing the bee keeper to do any other necessary work; a feature that will be appreciated.

Price complete	$1 00
Wire basket with bail	75

Cogshall Bee Brush.



This is a whisk broom specially made for brushing bees from combs by being made much thinner and longer. With it the bees can be removed from combs very gently.

Price, 15 cents each; ten for $1.25. By mail, each, 21 cents.

Yucca Bee Brush.

For brushing bees off the combs.

Price, each, 5 cts.
Ten for 30 cents.
100 for $2.50.
By mail extra, each 2 cents.

Davis' Improved Bee Brush.

These have a galvanized wire handle, and are much more serviceable than the Yucca.

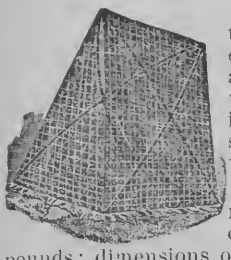
Price, each	$ 15
By mail, each	18

Transferring Implements.

Price per	100	1000
Transfer'ng clasps	.15	$1 25
" wires	.25	2 00

Postage per 100 on wires or clasps, 10 cents.

Tent For Setting Over a Hive.



With this the work of transferring, introducing queens, etc., can be done at a time when robbing would prevent such work if attempted without some such means of protection.

The frame and material is light and folds up compactly. Weight, 6 pounds: dimensions on ground, 5x5 ft.; 5 ft. high. Price, $1.50.

Signs.

We make signs for almost all purposes and at very low prices, especially when a large number is wanted, all of one kind. They are used by merchants and others for advertising their business, and sometimes by bee keepers as well.

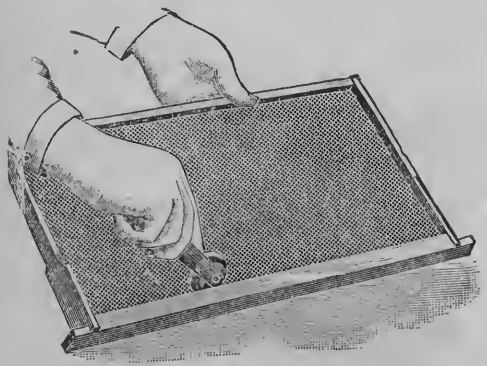
Some of the signs we furnish read as follows:

"HONEY FOR SALE,"
"BEE KEEPERS' SUPPLIES FOR SALE,"
"QUEENS FOR SALE,"
"FOR SALE OR RENT,"
"PROPERTY FOR SALE."

Prices—6x36, 6 for 75c., 25 for $2.00, 100 for $7.00. Special prices on other sizes.

FOUNDATION FASTENERS.

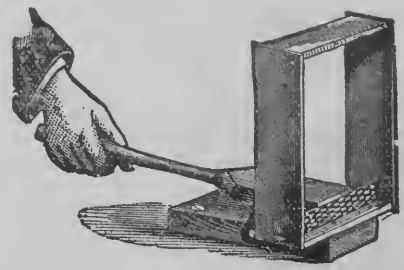
Daisy Foundation Roller.



For fastening foundation in brood frames. The illustration shows how it is used on a solid molded top bar. For frames with old style flat comb guide the wheel has a different shaped face. By running this wheel over the foundation two or three times the foundation is firmly fastened.

Price, 15 cents; by mail, 18 cents.

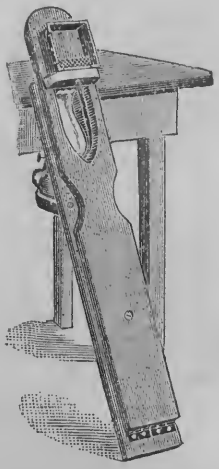
Parker's Machine for Fastening Starters in Section Boxes.



Fasten machine to table with screws that are sent with it. Dampen the under side of point of lever with honey or water to prevent its sticking to the foundation. Place section in position with strip of foundation just under the end of lever; press lever down on foundation by lifting handle, turn foundation up against end of lever and slide lever off of foundation by lifting on handle and drawing it backward, which fastens the foundation to section.

Price for 4¼x4¼ section.....25 cents
By mail.....40 "
For other than 4¼x4¼ section.35 "
By mail.....60 "

Daisy Foundation Fastener.

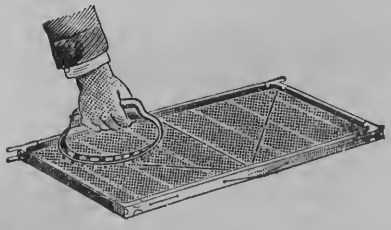


This machine is easily operated and starters can be put in sections rapidly.

Price complete, - - $1.00.
Without lamp, - - - 70.

Directions are sent with each machine.

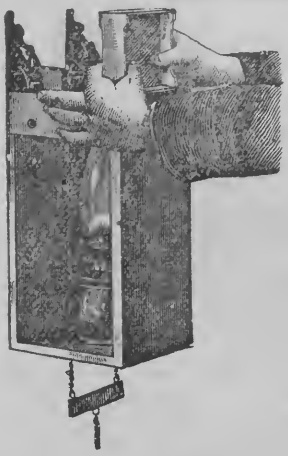
Easterday Wire Imbedder.



This cut shows the manner of imbedding the wire in the foundation.

Price, 15 cents; by mail, 20 cents.

The Arthur C. Miller Automatic Foundation Fastener.



This is one of the most practical and complete inventions for the use of bee keepers that has been made. It does away with the necessity of working in a warm room as is the case with other fasteners, all of which require the foundation to be of proper temperature to work satisfactorily.

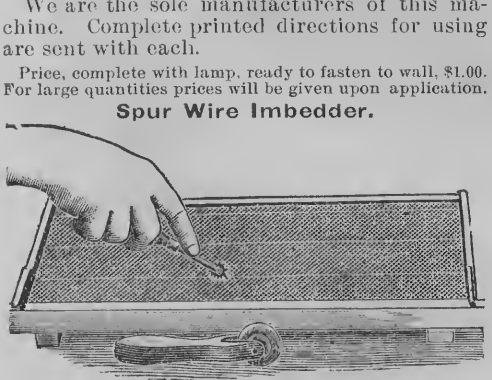
The illustration does not very well show its construction. The machine is fastened to the wall at a convenient height. Immediately above the lamp is an iron plate, kept hot by the lamp and operated by a treadle at the lower end of the small chain. By pressing down on the treadle the iron plate is brought down exactly along the center of the section in a perfectly straight line and the moment this hot iron strikes the foundation it melts its edge and firmly attaches it to the section, only enough wax being melted to fasten the foundation securely. The machine works automatically, so that the foundation does not have to be held in center.

For putting in full sheets this machine is especially useful, as it works with the greatest precision.

We are the sole manufacturers of this machine. Complete printed directions for using are sent with each.

Price, complete with lamp, ready to fasten to wall, $1.00. For large quantities prices will be given upon application.

Spur Wire Imbedder.



This imbedder has a metal wheel with teeth so arranged that by running along the wire, the wire is pressed into the foundation.

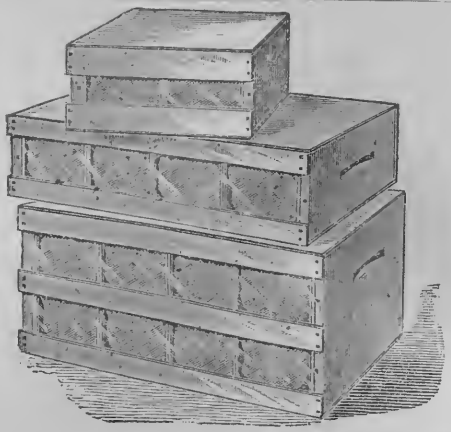
Price..... 15 cents. By mail..... 18 cents

HONEY SHIPPING CASES.

The lower one in cut in next column is the

48-lb. Double Tier Shipping Case.

These cases take two lights of glass to a side, 3x18, the parting strip covering the sections where the upper and lower tier come together.



The middle one in above cut is the

24-lb. Single Tier No-drip Shipping Case.

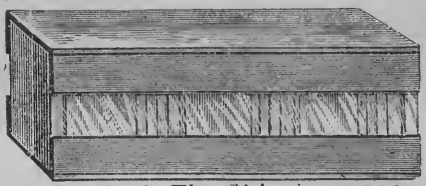
Single tier shipping cases are the ones most generally in use. They are much less liable to damage in shipping, are easier handled, and being only one tier there is no chance for the sections to become soiled by honey dripping on them, as is quite likely to occur with the lower tier of sections in the double tier cases. We make this case to take glass 2x18, but if wanted will make them to take glass 3x18, at same price in flat without glass. (See table of prices of glass for difference of cost of 2x18 and 3x18 glass.)

Our single tier shipping cases are all made so as to take care of the drip or leakage that may occur. The cases are slightly deeper than formerly, allowing for a sheet of paper to be placed in the bottom (the paper being cut large enough for the edges to be turned up so as to form a rim), also strips of wood for sections to rest upon, and allowing room beneath for any honey that may have leaked out.

The upper one in foregoing cut is the

12-lb. Single Tier Shipping Case.

This case takes glass 2x9 and shows two sections.



12-lb. Single Tier Shipping Case.

Showing Three Sections.

This is a better proportioned case than the one showing two sections, and is preferred by many on account of its showing the honey better. Glass required, 2x13½.

Crates for Shipping Comb Honey.

These are made to hold nine 24-lb single tier or eighteen 12-lb two row cases. Having handles, the crates are not as liable to rough hand-

ling by being rolled or tumbled end over end, as is the case with ordinary boxes.

If requested in order, we will pack fifty 24-lb or one hundred 12-lb two row in the flat in a crate for shipment. By ordering cases in these quantities, or multiples thereof, you get a crate worth 50 cents, free. Crates ordered separately are worth 50 cents each, or in lots of ten, 4.00.

Prices of Shipping Cases.

Order by No.	KIND OF CASE.	N'l'd glass, each	IN FLAT. 10	100
1..	48-pound, double tier,.....	$0 25	1 40	12 00
2..	24-pound, single tier,.....	20	1 20	10 00
3 .	12-lb. single tier, showing 2 sections	15	80	6 00
4..	12-lb. single tier, showing 3 sections	15	80	6 00
5..	Crates		4 00	

Above prices include nails. Cases are made No-drip and strips of wood are furnished to go in bottom for sections to rest upon, but no paper. No glass is included in above prices for cases in flat.

We make cases to take glass on one or both sides, as desired, at same price.

If not mentioned in order we always send cases to take glass one side.

Above cases will take sections 4¼x4¼x 1 15-16 inches. Other sizes of 4¼x4¼ sections can be used in the cases by wedging or, if mentioned in order, we will send cases for taking width wanted.

Prices of cases for other sized sections furnished upon application.

Shipping Cases Complete.

With Nails, Paper and Glass for one side.

A sheet of suitable paper placed under and one over the sections in cases will insure the honey being kept much cleaner, and also prevent the leaking of honey on other cases, should any of the comb be broken so as to allow the honey to run out. As it may be inconvenient for many to obtain the proper kind of paper, and as nails and glass are required, we give below prices of shipping cases complete in flat, with nails, paper and glass. Glass will be packed with cases or shipped in original packages. We will use care to pack it securely, but will not be responsible for breakage.

Prices of Shipping Cases, Complete in Flat.

Order by No.	KIND OF CASE.	IN FLAT. 10	100
10..	48 lb. double tier	$1 80	$16 00
11..	24 lb. single tier.....	1 40	12 00
12..	12 lb. single tier, showing two sections .	90	7 00
13..	12 lb. single tier, showing three sections	1 00	7 50

Glass.

SIZE OF GLASS.	Per Sheet	Per Ten Sheets..	Box of 50 feet..	Number of Sheets in Box...
3x18 for 48 lb. case or for 24 lb. case single tier.....	.3	.25	$2 75	133
2x18 for 28 lb. combined case, or for 24 lb. single tier.....	.2	.20	2 75	200
2x9 for 12 lb. single tier, two sections	.1	.08	2 75	400
2x13½ for 12 lb. single tier, 3 sections	.1½	.10	2 75	257

Any small sizes used by bee keepers for $2.50 per box of fifty feet. In measuring glass fractions of an inch count as full inches. For instance, 4¼x4¼ glass will be measured as though it were 5x5. At above prices each box must contain but one size.

All glass is shipped at purchaser's risk. Orders for full boxes will be shipped from manufacturers or from our own factory, and will be sent in same boxes that manufacturers packed in. We do not insure against breakage. Glass will always be packed with utmost care, but when delivered to railroad company our responsibility ceases.

Pasteboard Boxes or Cartons.

By the use of these, comb honey is in an attractive shape to sell, and very convenient to carry home by the consumer. Instead of using lithographed labels we now print in colors the name and address and whatever is desired by the purchaser.

Table of Prices of 1 lb. Section Cartons.

NAME.	PRICE. 100	500	1000
1 lb. carton, plain, 1c each, 25 for 20c..	$ 60	$2 75	$5 00
1 lb. carton, printed one side, one color, name and address.....	90	3 50	6 00
1 lb. carton, printed two or three colors one side.....	1 00	3 75	6 50
1 lb. carton, printed one color on both sides, name and address.....	1 00	3 75	6 50
1 lb. carton, printed two or three colors, both sides.....	1 10	4 00	7 00

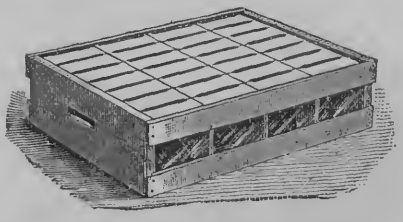
If sent by mail postage will be 2 cents each, or in lots of 25 or more, 1 cent each.

Above prices include tape handles.

If more than 1,000 are wanted, write for prices.

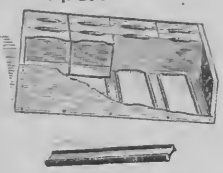
CRATES AND SUPERS.

Combined Crate.



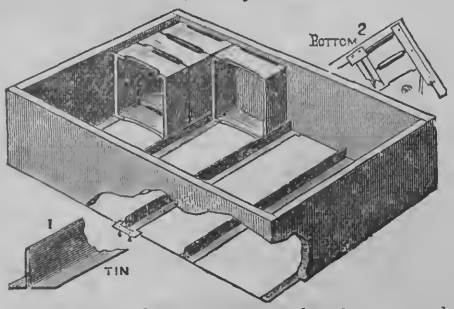
These crates are for use in the Simplicity Hive. They were originally intended for use on the story-and-a-half hive only, but as now made they can be used inside a Simplicity body equally well. They are made to take glass both sides or with solid sides, but we always send crates to take glass if kind is not mentioned in order.

The "Perfect" Super.



For Simplicity Hive, is the only one yet invented that perfectly prevents the propolizing of sections. The bar or rest consists of a strip of wood with nicely turned tinned edges which project above the wood for sections to rest upon. The bar is very strong and will not sag in the least, and is wide enough to cover the projection on the section formed by the curved openings, and is in every way a decided improvement on the T tin. The separators are made with insets for passage of bees, and cover the edges of sections, where they would otherwise touch. In fact, bees have no access to the edges of sections, except where they enter the section for storing honey. This super, having a bee space below, does not require a honey board.

The T Super for Tiering up Inside the Simplicity Hive.

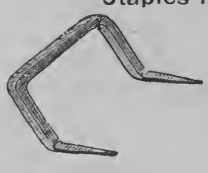


This super has been popular for a number of years. It is designed for use in the Simplicity style of hives and can be tiered up in them. They are adapted for holding any width 4¼x4¼ sections.

Prices of Crates and Supers.

DESCRIPTION.	Nailed Each.	IN FLAT. Each	IN FLAT. 10	Wt. of 10
Combined Crate, no glass	.20	.15	$1 20	28 lbs.
Combined Crate, with sections	.40	.30	2 50	52 "
Combined Crate, with sections, starters and wood separators	.50	.40	3 30	55 "
Perfect Super	.20	.14	1 10	25 "
Perfect Super, with sections	.40	.30	2 40	50 "
Perfect Super, with sections, starters and wood separators	.50	.40	3 20	53 "
T Super with T tins	.20	.14	1 10	22 "
T Super with sections	.40	.30	2 40	47 "
T Super with sections, starters and wood separators	.50	.40	3 20	50 "
T Supers with tin instead of wood separators	.58	.48	4 00	62 "

Staples for T Tin Rests.



These are ⅞ wide and 1⅛ long. When bee space is not wanted below sections, drive the points of bent staple upward in the lower edge of the sides of super, and the end of staple will project for end of T tin to rest upon.

For bee space below, straight staples are driven into the sides of super ¼ inch from bottom edge.

Bent staples, about 400 to pound, 3 oz. 10 cents, 1 lb 40 cts.
Straight staples (unbent), 3 oz. 5 cents, 1 lb 20 cents.

Price List of T Tins, Etc.

DESCRIPTION.	PRICES. 100	PRICES. 1000	Wt. of 100
T Tins, 12, 13½, 14 inches long or under	$1 00	$ 8 00	7 lbs.
T Tins, 16 in. and under to 14 in. long.	1 20	10 00	8 "
T Tins, over 16 in. and up to 20 in.	1 50	12 50	10 "
Flat Tins, 14 inches and under ¾ wide	40	3 50	3 "
Flat Tins, 14 to 20 in. long, ¾ wide	60	5 00	5 "

Steel Wire Nails.

We keep a large stock of steel wire nails of the very best grade. We shall be glad to name special prices to any one wishing these nails by the keg.

Length of Nails	No. of Nails Per lb.	Size of Wire.	PRICES. 1 lb.	PRICES. 10 lbs.
¼ inch	17,777	No. 21	.20	$1 70
⅜ inch	10 000	No. 20	.15	1 20
½ inch	7,500	No. 20	.12	1 00
⅝ inch	4,269	No. 19	.10	80
¾ inch	2,750	No. 18	.08	70
⅞ inch	2,350	No. 18	.08	66
1 inch	2.069	No. 18	.08	62
1¼ inch	1,246	No. 17	.07	60
1½ inch	761	No 16	.07	54
1¾ inch	406	No. 14	.06	50
2 inch	268	No. 13	.05	48
2¼ inch	238	No. 13	.05	46
2½ inch	164	No. 12	.05	46

Wire nails by mail, 18 cents per lb extra for postage.

Cement Coated Nails.

We also furnish Cement Coated Wire Nails of the sizes given in table below. These sizes are the ones mostly used by bee keepers.

Nails are cement coated for the purpose of increasing their holding power.

The ordinary wire nails while strong enough in other respects, are so smooth that they are liable to become loose in the wood.

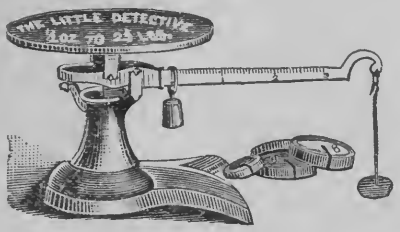
Price List of Cement Coated Wire Nails.

LENGTH.	Wire Gauge.	No. Nails in 1 lb.	Price of 1 lb.	Price of 10 lb.
¾ inch	No. 18	2,700	.10	$ .90
⅞ inch	No. 18	2,350	.10	.86
1 inch	No. 18	2,000	.10	.82
1¼ inch	No. 17	1,200	.10	.80
1 inch 2d fine	No. 17	1,440	.08	.60
1½ inch 4d box	No. 15½	550	.06	.50
1¾ inch 5d box	No. 14½	366	.05	.45
2 inch 6d box	No. 13	250	.05	.40
2¼ inch 7d box	No. 13	236	.05	.40
2½ inch 8d box	No. 12	157	.05	.40
2¾ inch 9d box	No. 12	130	.05	.40
3 inch 10d box.	No. 11	107	.05	.40

Wire nails by mail, 18 cents per lb. extra for postage.

SCALES.

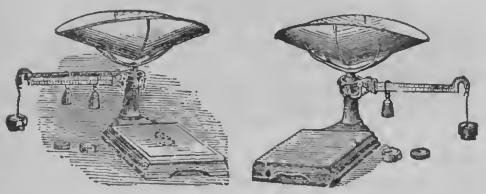
Little Detective.



Has steel bearings and brass beam. and weighs accurately ¼ oz. to 25 lbs. Every scale guaranteed.

Price, each $2 00
With scoop, extra 50

240 lb. Scale.



A similar scale to the "Little Detective," only larger and has a platform and scoop. It is made with steel bearings and has a capacity of ½ oz. to 240 lbs.

Price $3 25

240 lb. Double Beam Scale.

This is same, only has a double beam for taking tare.

Price $3 75

If several scales are wanted we will name price accordingly.

Foot Power Buzz Saws.

This is the Barnes' combination machine. It is very useful in the apiary, as any one who is a mechanic at all can make their own hives, section boxes, and many other things with it. The table can be raised and lowered for cutting different depths and for rabbeting, grooving and other work. It is furnished with a ripping and cut-off saw.

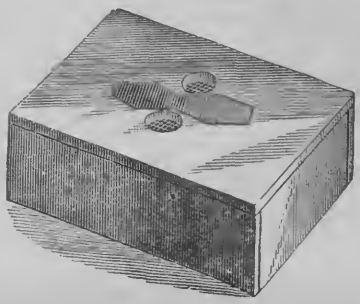
Price, with 2-7 in. saws, gauges, etc., $33.25.

A scroll saw attachment for $4.75 more.

Weight, boxed, 330 pounds. We ship from factory in Illinois.

FEEDERS.

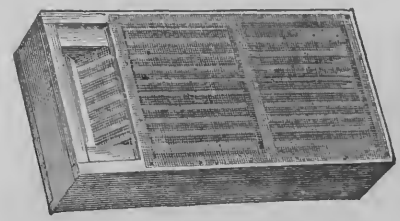
Twin Feeder.



Feeds under the cushion, directly over the cluster. No loss of heat; easily filled and holds over a pint.

Each, 20 cents; by mail, 35 cents. Ten for $1.80.

Page Feeder.

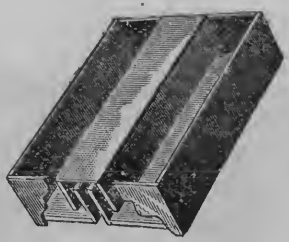


One of the best feeders for feeding over the brood nest. It is made from a solid block of wood and is covered with wire cloth. It has a bee space under bottom and also at top between wire cloth and top of partitions. Bees cannot escape while feeder is being filled. A small hole cut in mat and feeder set over same will be found a convenient way of using it, but it can be used in many ways.

Each, nailed up complete, 20 cents; by mail, 45 cents.
In lots of ten, each 18 cents.

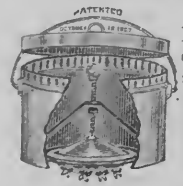
Miller's Feeder.

A superior feeder for feeding colonies their winter stores. It sets on the hive in the same space occupied by a T super. It measures 12x18¼x 4½, and will hold about 25 lbs. of syrup. When set on the hive it effectually shuts all bees beneath it and they enter it from the center of the cluster. The syrup is poured in on either or both sides. After filling put a chaff cushion over it.



Each, nailed up complete, 25 cents; in flat, 15 cents.
In lots of ten, $1.30; in lots of one hundred, $12.00.

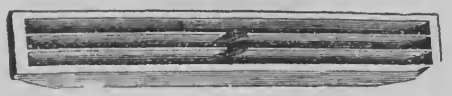
Hasting's Perfection Bee Feeder.



These feeders are made to hold two quarts. The letting down of food is regulated by a thumb screw. It is easy to regulate—either a quart or a spoonful can be given in a day or an hour, as may be required, and where it is most needed, over the cluster of bees. They can be refilled without removing the feeder or disturbing the bees.

Price, per dozen, $3.00. Each, 30 cents; by mail, 40 cents.

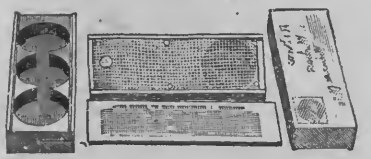
Simplicity Feeder.



Each, 5 cents. In lots of ten, 30 cents.
Feeder by mail, 10 cents.

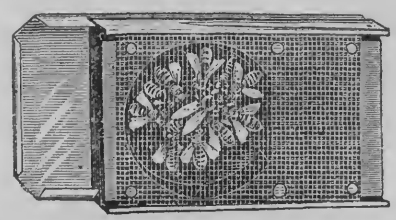
CAGES FOR QUEENS.

Benton Cage.



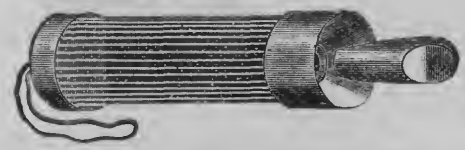
This is undoubtedly the best cage for mailing, and is adapted likewise for introducing. Directions for introducing are printed on the cover.

The Peet Cage.



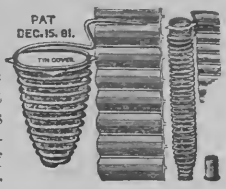
This has been the leading cage for many years. It is an excellent one for introducing queens and will doubtless continue to be popular.

Klimitz's Queen Catcher and Introducing Cage.



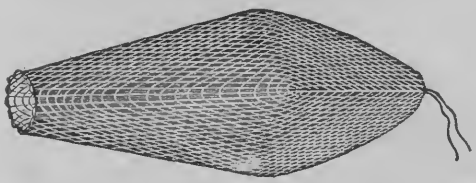
For catching queens without injury. An excellent introducing cage. Description and printed instructions with each cage.

West's Queen Cell Protector.



These are made of wire and when placed over a cell will prevent it from being disturbed. The spiral cage shown at right of illustration is used to slip over the protector for purpose of confining the queen after hatching until ready for introducing to another hive or otherwise disposed of. The small cup shown in lower right hand corner is designed for holding food for queen. When in use it is inserted in lower end of spiral cage two-thirds of its length. Full directions for use and how to make candy for queen cages are furnished with each shipment.

Doolittle's Queen Cell Protector.



This is an invention for protecting queen cells when placed in queenless colony to hatch. After placing the queen cell inside the protector the corners are brought together as shown in the illustration.

Price List of Queen Cages.

NAME.	PRICE. 1	10	100	Wgt. of 10
Peet Cage, complete	.05	.44	$4 20	18 oz.
Peet Cage, complete, no candy	.05	.40	3 70	15 "
Peet Cage covers, with directions	.01	.05	30	2 "
Peet Cage, no candy, covers or wire cloth		.22	2 00	12 "
Peet Cage directions, postpaid			15	
Benton Cage, complete	.05	.40	3 50	8 "
Benton Cage, without candy	.04	.30	2 50	6 "
Benton Cage, no cover, candy or wire cloth	.03	.20	1 50	5 "
Benton Cage covers, printed	.01	.08	50	2 "
West's Queen Cell Protector	.05	.40	3 50	4 "
West's Spiral Cage and Feeder	.10	.70	6 00	6 "
Doolittle Queen Cell Protector	.03	.15	1 00	2 "
Klimitz Queen Catcher	.10	.70	6 00	12 "

By mail add one cent for each ounce in weight, and one cent extra on each package for packing.

Alsike Clover Seed.

This seed fluctuates in price to such an extent that it is impossible to give a price that will answer for the whole year; but we can furnish it at ruling market price, and will quote prices upon application.

Chaff Cushions.

These are made of burlaps, and are filled loosely with chaff and placed over the brood chamber for winter protection.

Complete, without chaff.....15 cents.
In lots of ten, each.....13 "

Muth Square Glass Jars for Extracted Honey.

		Per gross:
2 lbs., square,	flint glass honey jars, with corks,	$6 25
1 lb. "	" " " "	4 75
½ lb. "	" " " "	3 65
5 oz. (dime)	" " " "	2 75

If corks are not wanted deduct 75 cents per gross on one and two pound jars, and 50 cents per gross on half pound and 5 oz. jars.

One and two pound jars are packed in boxes of half gross each; half pound and five ounce jars in boxes of one gross each. At above prices jars are shipped direct from factory or Cincinnati, O.

Pouder Square Jars for Extracted Honey.

These are similar to the Muth jar and at the prices quoted include corks.

All orders will be shipped from Indianapolis, Ind., and only in full packages of 100 each.

1 lb. Jars,	per 100,	with corks,	$3 40
½ lb. "	"	"	2 60
5 oz. "	"	"	2 00

On orders of 5 crates or more 5 per cent. discount will be allowed.

Eastern Square Jars.

These are shipped from New York city, in full gross lots (of a size) at following prices:

5 oz. square jar,	with corks,	per gross,				$2 50
½ lb	"	"	"	"	"	3 25
1 "	"	"	"	"	"	4 50
2 "	"	"	"	"	"	6 50

Duck.

For covering frames and for feeders, 29 inches wide, per yard, 15 cents; 10 yards, $1.25.

Enameled Cloth.

Enameled cloth, 45 inches wide, per yard, 20 cents; 12 yards, $2.25.

Tin Bound Sheets of Enameled Cloth.

Tin bound sheets of enameled cloth, 10 cents each. In lots of ten, 80 cents.

The Empire Washer.

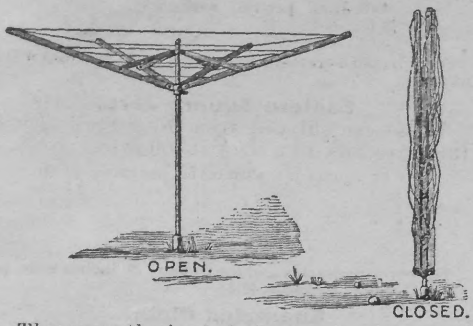
This washer is the most practical machine ever invented. It will wash perfectly clean and does not injure the clothes. The frailest woman, or a child twelve years old, can operate it with ease, and a washing can be done with it in one third the time it takes by hand. This style of washing machine is acknowledged by all to be the correct idea of a washer, and the Empire contains all the very latest improvements. Thousands of them have been sold.

Price of No. 2 (regular size).....$7 00
Price of Style A (large size)..... 8 00

Folding Sewing Tables.

Top 24x36 inches, made of hardwood, neatly finished, $1.25 each. $9.00 per doz. Legs fold under top when not in use.

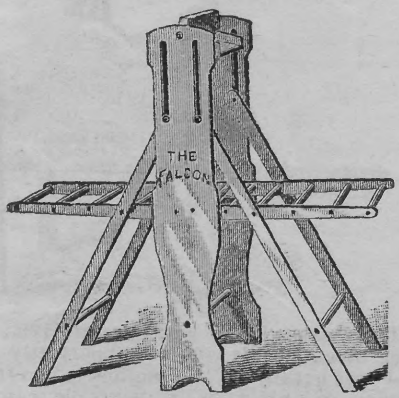
The Empire Clothes Reel.



These are the best clothes reels on the market. They revolve on an iron post, can be opened and closed, or removed entirely when desired, and stored away, leaving the yard clear. They are furnished with galvanized wire line.

No. 1, 100 feet of line, ... $5 00
No. 2, 150 feet of line, ... 6 00

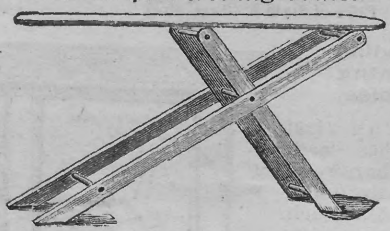
The Falcon Folding Wash Bench.



This is the lightest, strongest and most convenient wash bench ever invented. One or both sides can be used at once, and a wringer can be attached so as to operate from either side. When not in use it can be folded together and hung out of the way.

Price, each, ... $1 50

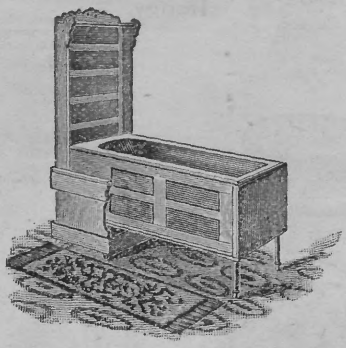
The Empire Ironing Table.



Can be raised or lowered to any convenient height, and folds up when not in use. It is strong and substantial.

Price, each, ... $1 25

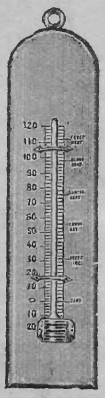
The Empire Folding Bath Tub.



This is a very convenient article for using in country houses, or where the privileges of a city water supply are not enjoyed. They can be moved about readily and are very ornamental. Special catalogue sent on application.

Price to bee keepers ..... $20 00 each

The Favorite Thermometer.



Having had a great many inquiries in the past for a thermometer suitable for reading at a considerable distance, we have this year the best, we believe, that can be produced for the purpose. This thermometer is 12 inches long, 3 inches wide, and as can be seen from illustration is graduated with heavy scale lines and figures that it may be easily read.

This thermometer will undoubtedly prove a boon to those who have been using the small column and fine lines and figures which can only be read at a short distance. These thermometers are handsome are nicely finished and are well varnished to allow of their being either hung outdoors or in the house. They are fine enough for any room in the house.

Prices—12 in. size, 25c. each, $2.25 per doz., postage 10c. each extra. 21 in. size, 40c. each. $3.75 per doz. (not sent by mail).

BEE KEEPERS CAN MAKE MONEY

during their spare time canvassing for our EMPIRE WASHERS and other Household Novelties.

WE WANT AGENTS EVERYWHERE, and will give exclusive sale to those who will push the sale of the goods.

Agents' prices for three or more machines or other articles will be given on application.

Books for Bee Keepers.

Every bee keeper, and especially if he has not had long experience, should have at least one good text book upon the subject. The following are doubtless the very best works on bee keeping. In ordering by mail be sure to add the amount of postage named:

	PRICE.	POSTAGE EXTRA.
A B C of Bee Culture (A. I. Root), cloth	$1 10	15 cents.
Bee Keepers' Guide (Prof. A. J. Cook)	1 00	15 "
Langstroth on the Honey Bee, revised (Dadant)	1 10	15 "
Quinby's New Bee Keeping (Quinby)	1 40	10 "
Thirty Years Among Bees (Alley)	48	2 "
How to Manage Bees (Vandruff)	25	5 "
Amateur Bee Keeper (Rouse)	20	5 "

Every bee keeper should take at least ONE good bee paper. Many times more than the subscription price will be saved each year if the good advice therein is followed.

THE AMERICAN BEE KEEPER,

Especially for Beginners, -:- Eighth Year,

is a thoroughly practical journal, devoted exclusively to those interested in the production of honey. Its contents are furnished by the very best writers on bee culture, and bee hives and other fixtures of importance are illustrated and described as soon as out. It is impartial on all subjects and endeavors to give the novice *honest advice.*

PRICE, 50 CENTS A YEAR.

Two copies to one postoffice, 85 cents a year; three copies to one postoffice, $1.20 a year.

Published Monthly by The W. T. FALCONER MANUFACTURING CO.

SPECIAL NOTICE TO CUSTOMERS.

Our goods are all put up by experienced packers and the utmost care is taken to avoid mistakes, but when a mistake is discovered we are always glad to correct it if we are able to do so.

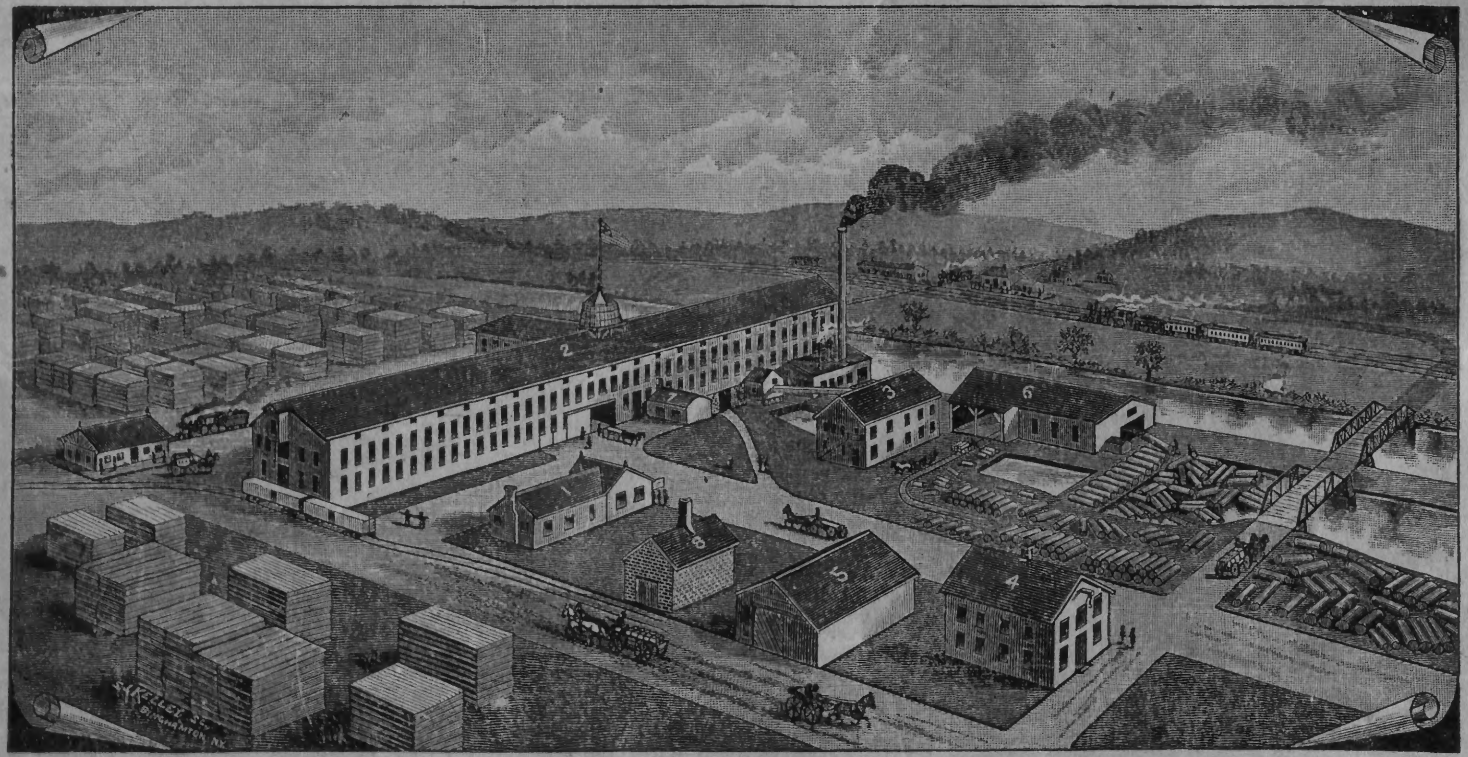
When you receive your goods unpack them at once, carefully look through every package and ascertain if all the articles called for on the invoice are sent. If there are any articles or parts missing write to us immediately, stating what is lacking; but do not write until you have looked all through your goods at least a SECOND TIME and are positive the missing articles are not there. By doing this you will often save us all considerable trouble.

ELECTROTYPES.

We can furnish electrotypes of engravings shown in this Price List for 20 cents per square inch. If by mail, 25 cents per square inch.

To figure the size measure the blank space around the engraving.

Bird's-eye view of the Office, Factory, Sawmill, Storehouses etc. of the **W. T. FALCONER MFG. CO.**, situated at **FALCONER, N.Y.**, 2½ miles from Jamestown, on Jamestown Electric Street Railway, and at junction of Erie, B. & S. W. Branch of Erie, D. A.V. & P. and J. & L. E. Railroads.



1—Office; 2—Main Factory; 3—Foundation Factory; 4—Tin Shop; 5—Stables; 6—Sawmill; 7 and 8—Steam Dry Kilns.
Storehouses on opposite side of factory not shown.

Our Main Factory is 230 feet long, and has an addition on opposite side 50 x 100 feet, four stories high.